lement to

THE JOURNAL OF ENGINEERING EDUCATION

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OREGON AGRICULTURAL COLLEGE, Corvallis, Ore., W. J. Kerr, President, *H. S. Rogers, Dean and Representative* 1917

THE PENNSYLVANIA STATE COLLEGE, State College, Pa., R. D. Hetzel, President, *R. L. Sackett, Dean and Representative* 1914

TOWNE SCIENTIFIC SCHOOL, UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa., Thos. S. Gates, President, *R. H. Fernald, Dean and Representative* 1914

UNIVERSITY OF PITTSBURGH, Pittsburgh, Pa., John G. Bowman, Chancellor, *E. A. Holbrook, Dean and Representative* 1913

UNIVERSITY OF PORTO RICO, San Juan, P. R., Gildo Massó, Chancellor, C. A. Figueroa, Dean, *Jose D. Morales, Representative* 1920

PRINCETON UNIVERSITY, Princeton, N. J., John Grier Hibben, President, *Arthur M. Greene, Jr., Dean and Representative* .. 1922

PURDUE UNIVERSITY, Lafayette, Ind., Edward Charles Elliott, President, *A. A. Potter, Dean and Representative* 1915

QUEEN'S UNIVERSITY, Kingston Ont., Canada, Wm. Hamilton Fyfe, Principal, *A. L. Clark, Dean and Representative* 1922

RENSSELAER POLYTECHNIC INSTITUTE, Troy, N. Y., *Palmer C. Ricketts, Director and Representative* 1922

RHODE ISLAND STATE COLLEGE, Kingston, R. I., John Barlow, Acting President, *Royal L. Wales, Dean and Representative* 1913

RICE INSTITUTE, Houston, Tex., Edgar Odell Lovett, President, *H. F. Humphrey, Representative* 1924

ROSE POLYTECHNIC INSTITUTE, Terre Haute, Ind., D. B. Prentice, *President and Representative* 1916

ROYAL MILITARY COLLEGE, Kingston, Canada, W. H. Elkins, Commandant, *E. J. Schmidlin, Dean and Representative* 1924

RUTGERS COLLEGE, New Brunswick, N. J., John M. Thomas, President, *P. H. Daggett, Dean and Representative* 1914

SHEFFIELD SCIENTIFIC SCHOOL OF YALE UNIVERSITY, New Haven, Conn., James R. Angell, President, Charles Hyde Warren, Dean, *Charles F. Scott, Representative* 1917

SOUTH DAKOTA STATE COLLEGE OF A. & M. ARTS, Brookings, S. D. Charles W. Pugsley, President, *H. M. Crothers, Dean and Representative* 1924

SOUTH DAKOTA STATE SCHOOL OF MINES, Rapid City, S. D., C. C. O'Hara, President, *Carl G. Watson, Representative* 1926

SOUTHERN METHODIST UNIVERSITY, Dallas, Texas, C. C. Selecman, President, *E. H. Flath, Dean and Representative* 1929

SPEED SCIENTIFIC SCHOOL OF UNIVERSITY OF LOUISVILLE, Louisville, Ky., Raymond A. Kent, President, *B. M. Brigman, Dean and Representative* 1925

STANFORD UNIVERSITY, Stanford University, Calif., *T. J. Hoover, Dean and Representative* 1917

STEVENS INSTITUTE OF TECHNOLOGY, Hoboken, N. J., Harvey N. Davis, President, Franklin DeR. Furman, Dean, *Wm. R. Halliday, Representative* 1913

SWARTHMORE COLLEGE, Swarthmore, Pa., Frank Aydelotte, President, *C. G. Thatcher, Representative* 1921

SYRACUSE UNIVERSITY, Syracuse, N. Y., Charles W. Flint, Chancellor, *Louis Mitchell, Dean and Representative* 1913

TENNESSEE UNIVERSITY, Knoxville, Tenn., Harcourt A. Morgan, President, *C. E. Ferris, Dean and Representative* 1921

A. & M. COLLEGE OF TEXAS, College Station, Tex., Thomas O. Walton, President, *F. C. Bolton, Dean and Representative* 1916

TEXAS TECHNOLOGICAL COLLEGE, Lubbock, Tex., Paul W. Horn, President 1931

UNIVERSITY OF TEXAS, Austin, Tex., H. Y. Benedict, President, *T. U. Taylor, Dean and Representative* 1919

TOLEDO, UNIVERSITY OF THE CITY OF, Toledo, O., Henry J. Doermann, President, *I. F. Zarobsky, Representative* 1915

UNIVERSITY OF TORONTO, Toronto, Ont., Canada, R. A. Falconer, President, C. H. Mitchell, Dean, *Albert L. Laing, Representative* 1917

TULANE UNIVERSITY OF LOUISIANA, New Orleans, La., Albert B. Dinwiddie, President, *D. S. Anderson, Dean and Representative* 1921

TUFTS COLLEGE, Tufts College, Mass., John Albert Cousens, President, *Geo. P. Bacon, Dean and Representative* 1914

UNIVERSITY OF UTAH, Salt Lake City, Utah, George Thomas, President, *R. B. Ketchum, Dean and Representative* 1914

VANDERBILT UNIVERSITY, Nashville, Tenn., J. H. Kirkland, Chancellor, *W. H. Schuerman, Dean and Representative* 1914

UNIVERSITY OF VERMONT, Burlington, Vt., Guy W. Bailey, President 1915

VILLANOVA COLLEGE, Villanova, Pa., James H. Griffin, President, *C. T. Humphrey, Dean and Representative* 1921

VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va., Julian A. Burruss, President, *E. B. Norris, Dean and Representative* .. 1924

UNIVERSITY OF VIRGINIA, University, Va., J. L. Newcomb, Acting President, *W. S. Rodman, Acting Dean and Representative*.. 1915

WASHINGTON UNIVERSITY, St. Louis, Mo., George R. Throop, Chancellor, *A. S. Langsdorf, Dean and Representative* 1914

WASHINGTON AND LEE UNIVERSITY, Lexington, Va., Francis P. Gaines, President, James L. Howe, Dean, *W. T. Lyle, Representative* 1924

STATE COLLEGE OF WASHINGTON, Pullman, Wash., E. O. Holland, President, *H. V. Carpenter, Dean and Representative* 1924

UNIVERSITY OF WASHINGTON, Seattle, Wash., Matthew Lyle Spencer, President, R. G. Tyler, Dean, *A. L. Miller, Representative* ... 1913

WENTWORTH INSTITUTE, Boston, Mass., F. E. Dobbs, Principal... 1917

School of Engineering and Mining, University of Western Australia, Perth, Western Australia, *A. T. Bowden, Dean and Representative* 1923

Westinghouse Technical Night School, East Pittsburgh, Pa., A. B. Gibson, Manager 1924

University of Wisconsin, Madison, Wis., Glenn Frank, President, *F. E. Turneaure, Dean and Representative* 1914

Worcester Polytechnic Institute, Worcester, Mass., Ralph Earle, President, *A. W. Duff, Representative* 1913

University of Wyoming, Laramie, Wyo., A. G. Crane, President, *R. L. Rhoads, Dean and Representative* 1925

Total Institutional Members 121

LIST OF INDIVIDUAL MEMBERS.

Revised to November 30, 1931.

ABBOTT, RAYMOND B., Associate Professor of Physics, Purdue University, Lafayette, Ind. 1928

ABBOTT, ROBINSON, Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1919

ABBOTT, THOS. A., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1928

ABELL, ASHEL C., Professor and Head, Dept. of Mechanical Engineering, Washington State College, Pullman, Wash. 1929

ADAMS, ARTHUR S., Associate Professor of Mechanics, Colorado School of Mines, Golden, Colo. 1931

ADAMS, COMFORT, A., Abbott and James Lawrence Professor of Engineering, Harvard Engineering School, Cambridge, Mass. 1894

ADAMS, FRANCIS J., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1912

ADAMS, OTTO V., Associate Professor of Civil Engineering, Texas Technological College, Lubbock, Texas 1930

ADAMS, THOMAS C., Associate Professor of Civil Engineering, University of Utah, Salt Lake City, Utah 1930

AGG, THOMAS R., Assistant Dean, Director of Engineering, Professor of Highway Engineering, Iowa State College, Ames, Iowa 1923

AHLQUIST, ROBERT W., Instructor in Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1929

AITKENHEAD, WM., Professor of Agricultural Engineering, Purdue University, Lafayette, Ind. 1924

AKELEY, L. E., Dean of the College of Engineering and Professor of Physics, University of South Dakota, Vermillion, S. D. (*Member of Council, 1930–33.*) 1910

ALBERT, ARTHUR L., Assistant Professor of Electrical Engineering, Oregon Agricultural College, Corvallis, Ore. 1929

ALDRICH, WM. S., American Bridge Co., M. M. Dept., 137 Buckingham Ave., Syracuse, N. Y. 1893

ALEXANDER, MAGNUS W., President, National Industrial Conference Board, 247 Park Avenue, New York City. (*Member of Council, 1922–5.*) 1911

ALEXANDER, WILLIAM T., Instructor in Mechanical Engineering, Northeastern University, Boston, Mass. 1929

ALFORD, LEON P., Vice President, Ronald Press Company, 15 East 26th Street, New York, N. Y. 1928

ALGER, PHILIP L., General Electric Company, Schenectady, N. Y. 1925

ALGREN, AXEL B., Assistant Director, Experimental Engineering Laboratories, Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1929

ALLEN, C. FRANK, Retired, 88 Montview St., West Roxbury, Mass. (*President, 1903–4; Secretary, 1895–7; Vice President, 1898–9; Member of Council since 1895.*) 1893

ALLEN, CHARLES L., Assistant Professor of Mechanical Engineering, The Pennsylvania State College, State College, Pa..... 1928

ALLEN, CHESTER, Professor and Head, Dept. of Civil Engineering, Michigan State College, East Lansing, Mich. 1917

ALLEN, C. M., Professor of Hydraulic Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1903

ALLEN, F. G., Professor of General Engineering Drawing, University of Colorado, Boulder, Colo. 1913

ALLISON, WILLIAM H., Assistant Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1928

ALVORD, HENRY B., Professor of Civil Engineering, Northeastern University, Boston, Mass. 1925

AMIDON, LEE L., Instructor in Steam and Experimental Engineering, West Virginia University, Morgantown, W. Va. 1928

ANANTHANARAYANAN, S., Principal, School of Civil Engineering, 10, Pandadimal, Andar Street, Teppakulam Post, Trichinopoly, India 1929

ANDERSON, C. A., Assistant Professor of Electrical Engineering, Junior College, University of Pittsburgh, Johnstown, Pa. .. 1926

ANDERSON, D. S., Professor of Electrical Engineering, Dean of the College of Engineering, Tulane University, New Orleans, La. (*Member of Council, 1926–9; Vice President, 1931–32*) 1900

ANDERSON, EDWARD, Associate Professor of Petroleum Production, University of Tulsa, Tulsa, Okla. 1928

ANDERSON, HERBERT J., 30 W. Rio Grande St., Colorado Springs, Colo. 1928

ANDERSON, H. W., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Iowa 1925

ANDERSON, JAMES A., Professor of Civil Engineering, Virginia Military Institute, Lexington, Va. 1922

ANDERSON, ROBERT M., Emeritus Professor of Mechanical Engineering, Stevens Institute of Technology; Guilford Road, Circleville, Ohio 1926

ANDERSON, STEWART W., Professor of Electrical Engineering, Virginia Military Institute, Lexington, Va. 1921

ANDERSON, WILLIAM, Professor of Physics and Electrical Engineering, Rhode Island State College, Box 74, Kingston, R. I..... 1910

ANDREWS, CARL B., Professor of Engineering, University of Hawaii, Honolulu, T. H. 1925

ANTHONY, G. C., Dean Emeritus, Engineering School, Tufts College, 5475 Cabanne St., St. Louis, Mo. (*President, 1913–4; Vice President, 1911–2; Member of Council, 1913–.*) 1896

ANTHONY, RICHARD L., Instructor in Mechanical Engineering, Yale University, New Haven, Conn. 1929

APPLEBY, W. R., Dean, School of Mines and Metallurgy, University of Minnesota, Minneapolis, Minn. 1913

ARCHIBALD, LEON, Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn 1919

ARDUSER, LEON P., Apt. 3C, 45 May St., New Rochelle, N. Y..... 1925

ARMSBY, HENRY H., Registrar and Student Advisor, Missouri School of Mines and Metallurgy, Rolla, Mo. 1917

ARNOLD, BION J., Consulting Electrical Engineer, 585 W. Washington Blvd., Chicago, Ill. 1906

ARNOLD, JAMES L., Professor of Electrical Engineering, New York University, New York City 1924

ATKINSON, ALBERT A., Professor of Physics and Electrical Engineering, Ohio University, Athens, Ohio 1927

ATTWOOD, STEPHEN S., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich..... 1926

AULICH, WITOLD M., Lecturer in Mechanical Engineering, Polytechnic of Lwow, ul. Dunin-Borkowskich 2, Lwow, Poland .. 1930

AULT, E. STANLEY, Associate Professor of Machine Design, Case School of Applied Science, Cleveland, Ohio 1925

AUSTIN, WARD H., Instructor in Engineering, Marin Junior College, Kentfield, Calif. 1931

AUTENREITH, GEORGE C., Associate Professor of Machine Design and Mechanical Drawing, College of the City of New York, New York City 1927

AVRAM, MOIS H., President, M. H. Avram Engineering Corp., 120 Wall Street, New York City 1926

AXMAN, ERNEST, Instructor in Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926

AYARS, WILLIAM S., Associate Professor of Industrial Engineering, Columbia University, New York City 1928

AYER, FRED. E., Dean, College of Engineering and Commerce, University of Akron, Akron, O. 1907

AYRES, QUINCY C., Associate Professor of Agricultural Engineering, Iowa State College, Ames, Iowa 1926

BABBITT, ARTHUR B., General Manager, Kent Machine Works, Cuyahoga Falls, Ohio 1931

BABBITT, HAROLD E., Professor of Sanitary Engineering, University of Illinois, Urbana, Ill. 1922

BABCOCK, JOHN B., Professor of Railway and Highway Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1923

BACKER, LESLIE H., Associate Professor of Chemistry, Stevens Institute of Technology, Hoboken, N. J. 1930

BACON, G. M., State Engineer of Utah, State Capitol, 86 B Street, Salt Lake City, Utah 1907

BACON, GEORGE P., Dean of Engineering, Professor of Physics, Tufts College, Tufts College, Mass. 1922

BAENDER, F. G., Professor and Head, Department of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1928

BAGLEY, JOHN B., Professor and Head, Dept. Textile Engineering, A. & M. College of Texas, College Station, Tex. 1923

BAILEY, BENJ. F., Professor and Head, Dept. of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1920

BAILEY, CHARLES F., Engineer Director, Newport News Shipbuilding and Dry Dock Company, Newport News, Va. 1928

BAILEY, NEIL P., Associate Professor of Mechanical Engineering, University of North Carolina, Chapel Hill, N. C. 1930

BAIRD, CHARLES O., JR., Instructor in Civil Engineering, Northeastern University, Boston, Mass. 1926

BAIRD, RALPH W., Assistant Professor of Agricultural Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1926

BAKER, CHESTER P., Associate Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1926

BAKER, DOUGLAS, Instructor in Mechanical Drawing, New York University, New York, N. Y. 1926

BAKER, ELLIS C., Professor in charge, Dept. of Mechanical Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1925

BAKER, RAY P., Head, Dept. Arts, Science and Business Administration, Rensselaer Polytechnic Institute, Troy, N. Y. 1919

BAKER, THOMAS S., President, Carnegie Institute of Technology, Pittsburgh, Pa. 1923

BALDWIN, LEO S., Assistant Professor of Drawing, Milwaukee Center, University of Wisconsin, Milwaukee, Wis. 1930

BALDWIN, ORVAL J., Instructor in Engineering Drawing, University of Iowa, Iowa City, Iowa 1929

BALL, ALBERT, Professor of Physics, Cooper Union, New York, N. Y. 1908

BALL, THEODORE R., Associate Professor of Chemistry, Washington University, St. Louis, Mo. 1930

BALL, THOMAS F., Head, Department of Electrical Engineering, University of South Carolina, Columbia, S. C. 1928

BALMFORD, J. ARTHUR, Assistant Professor of Electrical Engineering, Columbia University, New York City 1929

BANGRATZ, ERNEST G., Instructor, Electrical Engineering Dept., Massachusetts Institute of Technology, Cambridge, Mass.... 1922

BANTEL, E. C. H., Professor of Civil Engineering, Assistant Dean, College of Engineering, University of Texas, Austin, Tex.... 1925
BARBA, C. E., Mechanical Engineer, Boston and Maine R. R., North Billerica, Mass. 1915
BARCLAY, STANTON D., 123 Heath Street, Boston, Mass. 1926
BARKER, CHARLES L., Instructor in Mathematics and Hydraulics, University of Minnesota, Minneapolis, Minn. 1928
BARKER, JOSEPH W., Dean of Engineering, Columbia University, New York, N. Y. 1926
BARLOW, WILLIAM E., Professor of Metallurgy and Metallography, Virginia Polytechnic Institute, Blacksburg, Va. 1910
BARNARD, NILES H., Professor of Mechanical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1930
BARNARD, W. N., Professor of Heat Power Engineering, Cornell University, Ithaca, N. Y. (*Member of Council, 1923–6.*).... 1910
BARNES, F. A., Director, School of Civil Engineering, Professor of Railroad Engineering, Cornell University, Ithaca, N. Y..... 1904
BARNES, RALPH M., Associate Professor of Industrial Engineering, State University of Iowa, Iowa City, Iowa 1929
BARNETT, BRINKLEY, Assistant Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1929
BARNEY, EDGAR S., Principal, Hebrew Technical Institute, 36 Stuyvesant St., New York, N. Y. 1912
BARNEY, S. E., Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1894
BARRETT, SAMPSON K., Director, Evening Engineering Section; Professor of Illuminating Engineering, New York University, New York City 1928
BARROW, ASA C., Assistant Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1928
BARROWS, H. K., Professor of Hydraulic Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1902
BARROWS, W. E., JR., Professor of Electrical Engineering, University of Maine, Orono, Me. 1908
BARTLETT, GEORGE M., Professor of Machine Design, Purdue University, Lafayette, Ind. 1928
BARTON, WILLIAM H., JR., Professor and Head, Department of Civil Engineering, Pennsylvania Military College, Chester, Pa. 1930
BARTOW, EDWARD, Professor and Head, Department of Chemistry and Chemical Engineering, State University of Iowa, Iowa City, Ia. 1921
BASHIOUM, HARRISON C., Professor and Head, Dept. of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa..... 1920
BASON, GEORGE F., Professor and Head, Department of Electrical Engineering, University of North Carolina, Chapel Hill, N. C. 1929

BASS, FREDERIC, Chairman, Department of Civil Engineering, University of Minnesota, Minneapolis, Minn. (*Member of Council 1918–21.*) 1908

BATCHELDER, DEAN E., Assistant Professor of Electrical Engineering, California Institute of Technology, Pasadena, Calif..... 1930

BATEMAN, GEORGE F., Professor in Charge, Dept. Mechanical Engineering, Cooper Union, New York City 1925

BATES, ONWARD, Civil Engineer, Retired, 934 Johns Road, Augusta, Ga. 1903

BAUER, F. S., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1914

BAUER, PAUL, Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1930

BAUER, W. C., Dean and Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1910

BAUM, HARRY, Associate Professor of Electrical Engineering, College of the City of New York, New York City 1927

BAXTER, ROBERT A., Associate Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1925

BEACH, ROBIN, Acting Head, Dept. of Electrical Engineering, The Polytechnic Institute of Brooklyn, Director of Education, Brooklyn Edison Co., Inc., Brooklyn, N. Y. 1917

BEAN, HAROLD E., Instructor in Pattern Making, Pratt Institute, Brooklyn, N. Y. 1929

BEAVER, J. L., Associate Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1914

BECK, FRED J., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1929

BECK, LESTER E., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1931

BEEBE, GORDON A., Assistant Professor of Civil Engineering, South Dakota State School of Mines, Rapid City, S. D. 1929

BEECKEL, HERMANN C., Instructor in Civil Engineering, Union College, Schenectady, N. Y. 1930

BEGG, ROBERT B. H., Professor of Civil Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927

BEGGS, G. E., Professor of Civil Engineering, Princeton University, Princeton, N. J. 1915

BEITLER, SAMUEL R., Assistant Professor of Mechanical Engineering. The Ohio State University, Columbus, Ohio 1926

BELZ, CHARLES J., Assistant Professor of Civil Engineering, University of Dayton, Dayton, Ohio 1929

BENEDICT, H. Y., President, University of Texas, Austin, Texas.. 1906

BENEDICT, OTIS, JR., Instructor in Machine Shop Practice, Pratt Institute, Brooklyn, N. Y. 1929

BENNER, J. ALFRED, Assistant Professor of Mathematics, Lafayette College, Easton, Pa. 1931
BENNETT, CLAUDIUS E., Acting Associate Professor of Electrical Engineering, University of North Carolina, Chapel Hill, N. C. 1931
BENNETT, C. RALPH 1925
BENNETT, DONALD M., Associate Professor of Physics, University of Louisville, Louisville, Ky. 1927
BENNETT, EDW., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1923–6; Vice President, 1929–30.*) 1909
BENTLEY, WALTER J., Assistant Professor of Chemical Engineering, Armour Institute of Technology, Chicago, Ill. 1923
BERARD, SAMUEL J., Associate Professor of Engineering Drawing, Brown University, Providence, R. I. 1912
BERESFORD, HOBART, Professor and Head, Department of Agricultural Engineering, University of Idaho, Moscow, Idaho 1929
BERG, E. J., Professor of Electrical Engineering, Union University, Schenectady, N. Y. 1910
BERGEN, HAROLD B., Director of Industrial Relations, The Procter & Gamble Company, Ivorydale, Ohio 1929
BERGER, FRANZ A., Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1924
BERGMAN, ELMER O., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1926
BERNARD, MIGUEL, Head, Technical Bureau, Education Department, Mexican Government, Gelati 17, Tacubaya, D. F., Mexico 1925
BERRY, C. HAROLD, Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. 1928
BERRY, CHARLES W., Professor of Heat Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1926
BERRY, EDWARD F., Associate Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1928
BERRY, H. C., Professor of Materials of Construction, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1923–6.*) 1916
BERRY, W. J., Professor and Head, Department of Mathematics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1910
BEVAN, W. A., Professor of Aeronautical Engineering, Iowa State College, Ames, Iowa 1915
BEYER, ALBIN H., Professor of Civil Engineering, Columbia University, New York City 1929
BEYER, EDMOND W., Instructor in Civil Engineering, Union College, Schenectady, N. Y. 1929
BIBBER, HAROLD W., Associate Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio 1922

BIDWELL, CHARLES C., Professor of Physics, Lehigh University, Bethlehem, Pa. 1927

BIEGLER, PHILIP S., Dean College of Engineering, Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1925

BIGELOW, ROYAL G., Assistant Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1922

BILLINGS, J. HARLAND, Professor of Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1919

BILLMYER, CARROLL D., Supt. of Construction and Assistant Professor of Engineering, Rhode Island State College, Kingston, R. I. 1917

BIRD, H. C., Professor and Head of Civil and Mechanical Engineering, Duke University, Durham, N. C. 1914

BIRD, R. M., Professor of Chemistry, University of Virginia, University, Va. 1915

BIRK, W. OTTO, Professor of English, University of Colorado, Boulder, Colo. 1920

BISCHOF, GUSTAVE J., Instructor in Mechanical Engineering, College of the City of New York, New York, N. Y. 1931

BISHOP, C. T., Associate Professor of Structural Engineering, Yale University, New Haven, Conn. 1912

BISHOP, F. L., Professor of Physics, University of Pittsburgh, Pittsburgh, Pa. (Life Member.) (*Secretary, 1914–; Member of Council, 1912–; Secretary, Board of Investigation and Coordination, 1922–.*) 1907

BISSELL, G. W., Emeritus, Dean of Engineering, Michigan State College, P. O. Box 116, Monrovia, Calif. (*Member of Council, 1899–02; 1910–13.*) 1894

BIVINS, CHALFANT E., Instructor in Chemistry, Pratt Institute, Brooklyn, N. Y. 1930

BLACK, HAYSE, H., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1929

BLACK, R. M., Professor and Head, Department of Mining, University of Pittsburgh, Pittsburgh, Pa. 1912

BLACKBURN, HENRY W., Assistant Professor of Experimental Engineering, Syracuse University, Syracuse, N. Y. 1928

BLAISDELL, A. H., Associate Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921

BLAKE, DOUGLAS, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1929

BLAKE, FREDERIC C., Professor of Physics, The Ohio State University, Columbus, O. 1918

BLAKESLEE, BERT N., Professor of Architecture, University of Detroit, Detroit, Mich. 1926

BLALOCK, GROVER C., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1918
BLISS, COLLINS P., Dean, and Professor of Mechanical Engineering, New York University, University Heights, New York City ... 1915
BLISS, HOWARD H., Director of Engineering, Riverside Junior College, Riverside, Calif. 1923
BLISS, WILLIAM D., President, Bliss Brothers Tool Company, 590 Second St., Milwaukee, Wis. 1926
BLISS, ZENAS R., Assistant Professor of Applied Mechanics, Brown University, Providence, R. I. 1927
BLOSSOM, FRANCIS, Civil Engineer, Sanderson and Porter, 52 Williams Street, New York, N. Y. 1930
BLUMBERG, LEO, Associate Professor of Mechanical Engineering, University of Delaware, Newark, Del. 1922
BOARDMAN, H. P., Professor of Civil Engineering, Director, Engineering Experiment Station, University of Nevada, Reno, Nev. 1914
BOARDMAN, H. S., President, University of Maine, Orono, Me. (*President, 1930–31; Vice President, 1923–4; Member of Council, 1919–24; 1930–.*) 1903
BOARDMAN, HOWARD E., Dudley Professor of Railroad Engineering, Yale University, New Haven, Conn. 1931
BOASE, A. J., Professor of Civil Engineering, Pennsylvania Military College, Chester, Pa. 1924
BOELTER, LLEWELLYN M. K., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1931
BOGGS, ROBERT W., Mechanical Engineer, Union Carbide Company, 205 East 42d Street, New York City 1929
BOHL, LEIGHTON T., Professor of Civil Engineering, Brown University, Providence, R. I. 1926
BOLE, GEORGE A., Research Professor of Ceramic Engineering, The Ohio State University, Columbus, Ohio 1928
BOLLER, SAMUEL J., JR., Assistant Professor of Engineering Drawing, Texas Technological College, Lubbock, Texas 1925
BOLTON, F. C., Dean, School of Engineering and of College, Professor of Electrical Engineering, A. and M. College of Texas, College Station, Texas. (*Member of Council, 1919–22.*) 1910
BOND, GEORGE W., Assistant Professor of Chemistry, South Dakota School of Mines, Rapid City, S. D. 1931
BOOMSLITER, G. P., Professor of Mechanics, West Virginia University, Morgantown, W. Va. 1912
BOON, LEONARD F., Assistant Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1922
BOOTH, JAMES L., Instructor in Mechanics, University of Nebraska, Lincoln, Nebr. 1928
BOOTHROYD, S. L., Professor of Astronomy and Geodesy, Cornell University, Ithaca, N. Y. 1908

BORDNER, EARL R., Assistant Professor of Physics, Pennsylvania State College, State College, Pa. 1926
BORGQUIST, E. S., Associate Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1931
BORING, MAYNARD M., Industrial Service Dept., General Electric Co., Schenectady, N. Y. 1922
BOSE, SURENDRA N., Chief Electrical Engineer, The Tata Iron and Steel Co., Ltd., Jamshedpur, via. Tatanagar, B. N. Rly., India. 1927
BOSS, WILLIAM, Professor and Chief, Division of Agricultural Engineering, University of Minnesota, St. Paul, Minn..... 1925
BOSTON, ORLAN W., Professor of Shop Practice, Director, Engineering Shops, University of Michigan, Ann Arbor, Mich..... 1921
BOUCHARD, HARRY, Professor of Railway Engineering, Pei Yeng University, Tientsin, China 1921
BOURDELAIS, GEORGE A., Superintendent of Shop, Swarthmore College, Swarthmore, Pa. 1931
BOURKE, NORMAN T., Professor and Head, Dept. of Mechanical Engineering, University of North Dakota, Grand Forks, N. D. 1926
BOWERSOX, ERWIN R., Associate Professor of Physics and Acting Head of Dept., Butler University, Indianapolis, Ind. 1928
BOWLER, EDMOND W., Professor and Head, Department of Civil Engineering, University of New Hampshire, Durham, N. H. 1923
Durham, N. H. 1923
BOWMAN, HARRY L., Professor of Civil Engineering, Drexel Institute, Philadelphia, Pa. 1922
BOWMAN, HENRY T., Instructor in Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1929
BOWMAN, JAMES H., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1931
BOWMAN, JOHN G., Chancellor, University of Pittsburgh, Pittsburgh, Pa. 1923
BOYCE, EARNEST, Associate Professor of Civil Engineering, University of Kansas, Lawrence, Kans..... 1924
BOYD, ALFRED, Professor of Civil Engineering, University of North Dakota, Grand Forks, N. D. 1909
BOYD, JAMES E., Professor of Mechanics, The Ohio State University, Columbus, O. (*Member of Council, 1911–4.*) 1907
BOYER, AURELIEN, Principal, Ecole Polytechnique, Montreal, Canada 1930
BOYLE, ROBERT W., Professor of Physics and Dean of the Faculty of Applied Science, University of Alberta, Edmonton, Canada 1923
BOYLSTON, HERBERT M., Professor of Metallurgy, Case School of Applied Science, Cleveland, O. 1921
BRACKETT, B. B., Professor of Electrical Engineering, University of South Dakota, Vermillion, S. D. 1906
BRACKETT, ELMER E., Professor of Agricultural Engineering, Chairman of Dept., University of Nebraska, Lincoln, Neb. ... 1920

BRACKETT, R. D., Instructor in English, University of Michigan, Ann Arbor, Mich. 1923
BRADEN, CLARENCE C., Box 472, Jefferson, Texas 1923
BRADFIELD, LANDIS R., Instructor in Social Sciences, Fenn College, Cleveland, Ohio 1930
BRADFORD, J. N., Professor of Architecture and University Architect, The Ohio State University, Columbus, O. 1896
BRADLEY, HARRY C., Associate Professor of Drawing and Descriptive Geometry, Massachusetts Institute of Technology, Cambridge, Mass. 1930
BRADLEY, JAMES A., Assistant Professor of Chemical Engineering, Dean, Newark College of Engineering, Newark, N. J. 1931
BRAGG, EDWARD M., Professor of Naval Architecture and Marine Engineering, University of Michigan, Ann Arbor, Mich. 1920
BRAGONIER, ARTHUR T., Associate Professor of Applied Mathematics, Marshall College, Huntington, W. Va. 1926
BRAINARD, BOYD B., Associate Professor of Mechanical Engineering, Kansas State College, Manhattan, Kansas 1926
BRANDEBERRY, JOHN B., Professor of Mathematics, University of Toledo, Toledo, O. 1923
BRANDES, FRED C., City Plan Engineer, 112 Mamaroneck Road, White Plains, N. Y. 1920
BRANDT, CARL D., Head, Textile Engineering Department, Texas Technological College, Lubbock, Texas 1931
BRANIGAN, GEORGE F., Instructor in Machine Design, Kansas State College, Manhattan, Kansas 1929
BRANN, BERTRAND F., Associate Professor of Chemistry, University of Maine, Orono, Me. 1926
BRATTIN, C. L., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1928
BRAUTLECHT, C. A., Professor of Chemistry and Chemical Engineering, University of Maine, Orono, Me. 1922
BRAY, JOHN L., Professor of Metallurgy, Purdue University, Lafayette Ind. 1925
BRAY, PAUL D., Associate Professor of Chemistry and Chemical Engineering, University of Maine, Orono, Me. 1926
BRECKENRIDGE, L. P., Professor Emeritus of Mechanical Engineering, Sheffield Scientific School; The Brackens, North Ferrisburg, Vt. (*Member of Council, 1908–11; 1915–8.*) 1893
BREED, CHARLES B., Professor of Railway and Highway Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1904
BREEDLOVE, L. B., Assistant to the President, Middle West Utilities Co., 20 North Wacker Drive, Chicago, Ill. 1925
BRENKE, WILLIAM C., Professor of Mathematics, University of Nebraska, Lincoln, Nebr. 1929

BRENNEMAN, JESSE L., Professor of Electrical Engineering, Kansas State College, Manhattan, Kansas 1929

BREWER, ALEXANDER V., Associate Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas .. 1929

BRIDGE, L. R., R. F. D. No. 6, Columbia City, Ind. 1929

BRIGHTMAN, CHARLES L., Professor of Physics, Syracuse University, Syracuse, N. Y. 1928

BRIGMAN, BENNETT M., Dean, Speed Scientific School, University of Louisville, Louisville, Ky. (*Member of Council, 1925–8.*) 1923

BRILL, PHILIP B., Lecturer in Industrial Management, (Associate Professor) Yale University, New Haven, Conn. 1927

BRINKER, RUSSELL C., Instructor in Civil Engineering, University of Minnesota, Minneapolis, Minn. 1931

BRISTOL, FRANK J., Instructor in Electrical Engineering, Cornell University, Ithaca, N. Y. 1929

BRITTAIN, M. L., President, Georgia School of Technology, Atlanta, Ga. 1927

BROCK, R. W., Dean, Faculty of Applied Science, University of British Columbia, Vancouver, B. C. 1923

BRODHEAD, JOHN A., Director, New Haven College, New Haven Conn. 1928

BROOKE, W. E., Professor and Head of Department of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1924–7.*) 1902

BROOKES, JOHN F., Director, School of Civil Engineering, Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1924

BROOKS, J. ANSEL, Professor of Mechanical Engineering, Newark College of Engineering, 561 Park Street, Montclair, N. J. 1904

BROOKS, JOHN P., President Emeritus, Clarkson College of Technology, Albion Hotel, Potsdam, N. Y. (*Member of Council, 1900–03.*) 1898

BROOKS, MORGAN, Professor Emeritus of Electrical Engineering, University of Illinois, Urbana, Ill. 1899

BROTHER AMANDUS LEO, Dean of Engineering, Manhattan College, New York City 1928

BROTHER D. FELIX, Professor of Mathematics, Manhattan College, New York City 1928

BROWN, ARTHUD S., Instructor in Electrical Engineering, 1116 Bluemont St., Manhattan, Kansas 1930

BROWN, AUBREY I., Associate Professor of Heating and Ventilating, The Ohio State University, Columbus, O. 1914

BROWN, CHARLES C., Acting Associate Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1928

BROWN, CLEO A., Head, English Department, General Motors Institute of Technology, Flint, Mich. 1931
BROWN, EDWARD C., Instructor in Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1922
BROWN, FREDERICK L., Associate Professor of Physics, University of Virginia, University, Va. 1926
BROWN, F. L., Professor of Applied Mechanics, University of Kansas, Lawrence, Kans. 1915
BROWN, GROVER C., Manager of Training, Industrial and Public Relations Dept., Bethlehem Steel Corporation and Subsidiary Companies, Bethlehem, Pa. 1930
BROWN, HAROLD W., Consulting Engineer, 1437 Rugby Road, Schenectady, N. Y. 1931
BROWN, HUGH A., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1928
BROWN, LYNN T., Associate Professor of Mechanical Engineering, Iowa State College, Ames, Iowa 1931
BROWN, RALPH E., Assistant Professor of Mechanical Engineering, Rhode Island State College, Kingston, R. I. 1924
BROWN, WESLEY B., Associate Professor of Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1926
BROWN, WILLIAM F., Lecturer in Physics, Columbia University, New York City 1928
BROWN, WILSON F., Associate Professor of Chemical Engineering, Kansas State College, Manhattan, Kansas 1931
BROWNE, WM. HAND, JR., Professor and Head, Dept. of Electrical Engineering, North Carolina College of A. and E., State College Station, Raleigh, N. C. (*Member of Council, 1916–9.*) 1899
BRUBAKER, WM. F., Assistant Professor of General Engineering Drawing, University of Colorado, Boulder, Colo. 1924
BRUCKNER, ARTHUR, Associate Professor of Mechanical Engineering, College of the City of New York, New York City 1927
BRUMFIELD, RAY C., Assistant Professor of Civil Engineering, Cooper Union, New York City 1929
BRUNTON, LIONEL J., Instructor in Mechanical Engineering, University of Colorado, Boulder, Colo. 1929
BRYANS, W. R., Professor of Mechanics and Machine Design, New York University, New York, N. Y. 1908
BRYANT, J. M., Professor and Head, Dept. of Electrical Engineering, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1927–30.*) 1910
BUBB, FRANK W., Associate Professor of Applied Mathematics, Washington University, St. Louis, Mo. 1931
BUCHANAN, JESSE E., Instructor and Testing Engineer, University of Idaho, Moscow, Idaho 1927

BUCHANAN, ROY O., Associate Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1922

BUCHER, PAUL, Associate Professor of Steam Engineering, The Ohio State University, Columbus, Ohio 1920

BUCK, A. M., Engineering Editor, *Electric Railway Journal*, 10th Ave., at 36th St., New York, N. Y. 1910

BUKOVSKY, PAUL N., Assistant Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1930

BULGER, JOHN W., Assistant Professor of Civil Engineering, University of Akron, Akron, Ohio 1925

BULLARD, JAMES A., Professor of Mechanics and Mathematics, University of Vermont, Burlington, Vt. 1927

BULLINGER, CLARENCE E., Professor and Head, Dept. of Industrial Engineering, The Pennsylvania State College, State College, Pa. 1925

BULLOCK, WILLIAM E., Secretary, American Institute of Weights and Measures, 33 Rector St., New York, N. Y. 1917

BUNTING, ALBERT E., Assistant Professor of Practical Mechanics, University of Nebraska, Lincoln, Neb. 1928

BURDEN, HARRY P., Professor of Sanitary Engineering, Tufts College, Tufts College, Mass. 1921

BUREAU, E. A., Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1923

BURGER, W. H., Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1910

BURGMAN, BASILE D., Assistant Professor of Structural Engineering, Moscow Technical Institute, Moscow, Russia. (1815 Beverly Road, S.E., Brooklyn, N. Y.) 1930

BURKHART, PAUL H., Supply Engineering Department, Westinghouse E. & M. Company, East Pittsburgh, Pa. 1922

BURLEY, JOHN W., Head, Machine Dept., Pratt Institute, Brooklyn, N. Y. 1926

BURNS, GEORGE W., Assistant Dean of Engineering, University of Cincinnati, Cincinnati, Ohio 1931

BURPEE, F. E., Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1910

BURR, FRANK A., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1929

BURR, WM. H., Emeritus Professor of Civil Engineering, Columbia University, Consulting Engineer, 120 Broadway, New York, N. Y. 1893

BURSLEY, JOSEPH A., Professor of Mechanical Engineering, Dean of Students, University of Michigan, Ann Arbor, Mich..... 1910

BURT, FREDERICK A., Associate Professor of Geology, A. and M. College of Texas, College Station, Texas 1926

BUSH, VANNEVAR, Professor of Electric Power Transmission, Massachusetts Institute of Technology, Cambridge, Mass. .. 1923

BUTLER, G. M., Dean, College of Mines and Engineering, Director, Arizona Bureau of Mines, University of Arizona, Tucson, Ariz. (*Member of Council, 1924–7.*) 1916

BUTLER, HARTMAN L., Professor of Military Science, Washington University, St. Louis, Mo. 1931

BUTLER, JOE B., Professor of Civil Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1922

BUTTERFIELD, ARTHUR D., Professor of Mathematics and Geodesy, University of Vermont, Burlington, Vt. 1908

BUTTERFIELD, THOMAS E., 1936 West 21st Street, Los Angeles, Calif. 1920

BUXTON, G. F., Professor of Industrial Training, Purdue University, Lafayette, Ind. 1928

CALDERWOOD, JAS. P., Professor of Mechanical Engineering, in charge Dept. of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1919

CALDWELL, FRANK C., Professor of Electrical Engineering, The Ohio State University, Columbus, O. (*Member of Council, 1905–8.*) 1897

CALLAN, J. A. C., Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1909

CALLEN, ALFRED C., Professor and Head, Department of Mining Engineering, University of Illinois, Urbana, Ill. 1926

CAMERON, HUGH S., Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1928

CAMP, EDMOND W., Head, School of Textile Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929

CAMPBELL, IVOR ST. C., Professor of Electrical Engineering, Ohio Northern University, Ada, Ohio 1925

CAMPBELL, JESSE M., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1931

CAMPBELL, ROBT. D., Associate Professor of Mechanical Engineering, Southern Methodist University, Dallas, Texas 1927

CANAVACIOL, FRANK E., Assistant Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y..... 1928

CANDEE, F. W., Assistant Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1924

CANFIELD, DONALD T., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1925

CAPEN, S. P., Chancellor, University of Buffalo, Buffalo, N. Y.... 1917

CAREY, RICHARD F., 924 Wayne Ave., Wyomissing, Pa. 1928

CARLSON, W. W., Professor of Shop Practice, Kansas State College, Manhattan, Kans. 1912

CARPENTER, ARTHUR H., Assistant Professor of Metallurgy, Armour Institute of Technology, Chicago, Ill. 1927

CARPENTER, D. E., Dean of the Faculty, International Correspondence Schools, Scranton, Pa. 1919

CARPENTER, EDWARD L., Assistant Professor of Mechanical Engineering in charge of Engineering Extension, University of Tennessee, Knoxville, Tenn. 1922

CARPENTER, HUBERT V., Dean, College of Mechanic Arts and Engineering, Director, Engineering Experiment Station, State College of Washington, Pullman, Wash. (*Vice President, 1925–6.*) 1917

CARPENTER, L. G., Consulting Engineer, 1455 Gilpin Street, Denver, Colo. (*Member of Council, 1897–00.*) 1895

CARR, ARTHUR R., Head, Engineering Department, Professor of Chemical Engineering, College of the City of Detroit, Detroit, Mich. 1927

CARR, CLIFFORD C., Instructor in Electrical Technology, Pratt Institute, Brooklyn, N. Y. 1926

CARRUTHERS, JOHN L., Associate Professor of Ceramic Engineering, The Ohio State University, Columbus, Ohio 1929

CARTER, CLIFTON C., Professor of Natural and Experimental Philosophy, U. S. Military Academy, West Point, N. Y..... 1928

CARTER, HAROLD S., Professor of Civil Engineering, South Dakota State College, Brookings, S. D. 1924

CARTER, IKE N., Assistant Professor of Civil Engineering, University of Idaho, Moscow, Idaho 1925

CARTY, J. J., Vice President, American Telephone and Telegraph Co., Winter Park, Florida 1907

CARVIN, FRANK D., Assistant Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925

CARY, EDWARD R., Professor of Railway Engineering and Geodesy, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

CASE, GEO. W., Dean, College of Technology, Director, Engineering Experiment Station, University of New Hampshire, Durham, N. H. 1914

CASTLEMAN, JOHN R., Associate Professor of Engineering Drawing, Virginia Polytechnic Institute, Blacksburg, Va. 1930

CAUGHEY, R. A., Professor of Structural Engineering, Iowa State College, Ames, Iowa 1911

CAULFIELD, JOHN G. L., Instructor in Chemistry, University of Maine, Orono, Me. 1926

CAVERLEY, L. C., Assistant Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1927

CAYWOOD, THOS. G., Associate Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa 1923

CHALLENDER, RALPH T., Professor of Machine Design, Montana State College, Bozeman, Mont. 1925

CHAMBERS, SHERMAN D., Associate Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1921

CHAMBLISS, HARDEE, Professor of Chemistry, Dean, School of Sciences, The Catholic University of America, Washington, D. C. 1925

CHANDLER, E. F., Professor of Civil Engineering and Dean, College of Engineering, University of North Dakota, University, N. D. 1907

CHATBURN, G. R., Professor Emeritus, Applied Mechanics, University of Nebraska, 2850 P St., Lincoln, Nebr. (*President, 1916–7; Vice President, 1915–6; Member of Council, 1912–.*) 1899

CHATELAIN, MIKAEL, Professor of Electrical Engineering, Polytechnic Institute, Leningrad, Russia 1928

CHEATHAM, JAMES C., Instructor in Mechanical Engineering, A. & M. College of Texas, College Station, Texas 1931

CHEEK, FRANK J., JR., Associate Professor of Applied Mechanics and Structural Design, Kansas State College, Manhattan, Kans. 1924

CHERRY, CARLTON E., Instructor in Engineering Mathematics and Mechanics, Marin Junior College, Kentfield, Calif. 1931

CHERRY, FLOYD H., Associate Professor of Electrical Engineering, University of California, Berkeley, Calif. 1930

CHILDS, WILL P., Associate Professor of Engineering, Pasadena Junior College, Pasadena, Calif. 1931

CHILES, GEORGE S., Consulting Engineer, 4611 Park Avenue, Ashtabula, Ohio 1919

CHILLMAN, EDWARD F., Professor of Descriptive Geometry, Stereotomy and Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1920

CHITTENDEN, HIRAM M., Instructor in Civil Engineering, University of Washington, Seattle, Wash. 1929

CHRISTIE, A. G., Professor of Mechanical Engineering, The Johns Hopkins University, Baltimore, Md. 1923

CHURCH, EARL F., Assistant Professor of Applied Mathematics, Syracuse University, Syracuse, N. Y. 1927

CHURCH, EDWIN F., JR., Professor of Mechanical Engineering, The Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1910

CHURCHILL, HARRY D., Assistant Professor of Mechanics, Case School of Applied Science, Cleveland, Ohio 1925

CIRCÉ, ARMAND, Professor of Strength of Materials, Ecole Polytechnique, Montreal, Canada 1930

CISSEL, J. H., Professor of Structural Engineering, University of Michigan, Ann Arbor, Mich. 1920

CLARK, EDGAR C., Instructor in Mechanics, The Ohio State University, Columbus, Ohio 1928

CLARK, EDWIN E., Assistant Professor of Electrical Engineering, South Dakota School of Mines, Rapid City, S. D. 1922

CLARK, JAMES C., Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1912

CLARK, LEROY W., Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

CLARKE, ELWYN L., Professor of Civil Engineering, Clemson College, Clemson College, S. C. 1921

CLEGHORN, M. P., Professor of Mechanical Engineering, Iowa State College, Ames, Ia. 1910

CLELAND, RALPH R., Instructor in Sanitary Engineering, Pennsylvania State College, State College, Pa. 1931

CLEMENTS, GUY R., Professor of Mathematics, United States Naval Academy, Annapolis, Md. 1931

CLEVELAND, LAURENCE F., Instructor in Drawing, Northeastern University, Boston, Mass. 1930

CLIFFORD, H. E., Gordon McKay Professor of Electrical Engineering, Dean, Engineering School, Harvard University, Cambridge, Mass. 1907

CLOKE, PAUL, Dean, College of Technology, University of Maine, Orono, Me. (*Member of Council, 1923–31.*) 1919

CLOKE, PHILIP R., Evaluation Engineer, Day and Zimmerman, 3227 Spring Garden Street, Philadelphia, Pa. 1930

CLOUSE, JOHN H., Graduate Student, University of Chicago, 804 East 58th Street, Chicago, Ill. 1927

CLUTZ, FRANK H., B. F. Blough Professor of Civil Engineering, Gettysburg College, Gettysburg, Pa. 1922

COAHRAN, J. M., Practicing Engineer, Box 447, Smethport, Pa.... 1916

COBLEIGH, W. M., Dean of Engineering, Professor of Chemical Engineering, Montana State College, Bozeman, Mont. 1929

COBURN, THEODORE, Western Representative, John Wiley and Sons, Inc., 440 Fourth Avenue, New York City 1925

CODDINGTON, E. F., Professor of Geodetic Engineering, The Ohio State University, Columbus, O. (*Member of Council, 1919–22.*) 1911

CODWISE, HENRY R., Professor of Railroad Engineering and Surveying, Polytechnic Institute of Brooklyn, Brooklyn, N. Y... 1914

COLBY, WHITNEY C., Assistant Manager, Personnel and Training Dept., Standard Oil Company of N. J., 26 Broadway, New York City 1929

COLE, ARTHUR W., Professor of Steam Engineering, Purdue University, Lafayette, Ind. 1926

COLEMAN, JOHN B., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1931

COLER, CARL S., Manager, Educational Department, Westinghouse E. & M. Co., East Pittsburgh, Pa. (*Member of Council, 1928–31.*) 1919

COLLIER, IRA L., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1924

COLLYER, NORMAN, Assistant Secretary, Paramount Publix Corporation, Paramount Building, Times Square, New York City ... 1919

COLSTON, ALBERT L., Principal, Brooklyn Technical High School, 49 Flatbush Ave., Ext., Brooklyn, N. Y. 1926

COMPTON, KARL T., President, Massachusetts Institute of Technology, Cambridge, Mass. 1929

COMSTOCK, CLARENCE E., Professor of Mathematics, Bradley Polytechnic Institute, Peoria, Ill. 1909

COMSTOCK, E. H., Professor of Mine Plant and Mechanics, School of Mines, University of Minnesota, Minneapolis, Minn..... 1907

CONLEY, WILLIAM J., Professor of Applied Mechanics, University of Rochester, Rochester, N. Y. 1929

CONNER, N. WHITE, Assistant Professor of Applied Mechanics and Experimental Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1931

CONNER, S. L., Professor of Civil Engineering, Tufts College, Tufts, College, Mass 1912

CONRAD, ALBERT G., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1929

CONRAD, L. E., Professor and Head, Dept. of Civil Engineering, Kansas State College, Manhattan, Kansas. (*Member of Council, 1913–4.*) 1908

CONSTANT, F. H., Professor of Civil Engineering, Princeton University, Princeton, N. J. (*Vice President, 1915–6; Member of Council, 1909–12.*) 1896

CONVERSE, FREDERICK J., Instructor in Civil Engineering, California Institute of Technology, Pasadena, Calif..... 1927

CONWELL, WALTER L., Professor of Highway Engineering, Cornell University, Ithaca, N. Y. 1928

COOGAN, CHARLES H., JR., Instructor in Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1931

COOK, A. L., Supervisor and Head of the Dept. of Industrial Electrical Engineering, Pratt Institute, Brooklyn, N. Y..... 1913

COOKE, MORRIS L., Consulting Engineer in Management, Philadelphia, Pa. 1910

COOLBAUGH, MELVILLE F., President, Colorado School of Mines, Golden, Colo. 1925

COOLEY, M. E., Dean Emeritus, University of Michigan, Ann Arbor, Mich. (*President, 1920–1; Vice President, 1908–9; Member of Council, 1893–4; 1907–10; 1920–; Member, Board of Investigation and Coordinations, 1922–3.*) 1893

COOLIDGE, WARREN A., Assistant Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1929

COOPER, CHARLES D., Assistant Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio 1929

COOPER, FRANK L., Instructor in Physics, Yale University, New Haven, Conn. 1912

COOVER, MERVIN S., Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1923

COPLEY, JOHN O., Special Teacher, 75 Fifth Avenue, New Rochelle, N. Y. 1926

COPPERSMITH, C. W., Associate Professor of Engineering Drawing, Case School of Applied Science, Cleveland, O. 1915

CORCORAN, GEORGE F., Assistant Professor of Electrical Engineering, State University of Iowa, Iowa City, Iowa 1926

CORNELL, MILTON L., President, Cornell Iron Works, Inc., 3620 13th Street, Long Island City, N. Y. 1926

CORNELL, W. R., Professor of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1910

CORRELL, J. A., Professor of Electrical Engineering, University of Texas, Austin, Texas 1923

COSANDEY, CHARLES J., Instructor in Electrical Engineering and Mathematics, Duluth Junior College, Duluth, Minn. 1930

COSTA, JOHN J., Professor of Civil Engineering, Manhattan College, New York City 1927

COWLES, W. H. H., Head, Department of Mathematics and English, Pratt Institute, Brooklyn, N. Y. 1929

COX, WILLIAM J., Assistant Professor of Engineering Mechanics, Yale University, New Haven, Conn..... 1927

COYLE, JOHN L., Director of Shop Practice, University of Delaware, Newark, Del. 1928

CRAIG, DUDLEY P., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1923

CRAIN, L. D., Professor of Mechanical Engineering, Head of Department, Colorado Agricultural College, Ft. Collins, Colo.... 1918

CRANE, THEODORE, Associate Professor of Building Construction, Yale University, New Haven, Conn. 1925

CRAWFORD, CHARLES W., Professor and Head, Department of Mechanical Engineering, A. & M. College of Texas, College Station, Tex. 1923

CRAWFORD, D. F., Consulting Engineer, 5243 Ellsworth Avenue, Pittsburgh, Pa. 1914

CRAWFORD, IVAN C., Dean, College of Engineering, Professor of Civil Engineering, Director, Engineering Experiment Station, University of Idaho, Moscow, Idaho. (*Member of Council, 1929–32.*) 1913

CRAWFORD, W. W., Instructor in Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1926

CREAGER, PAUL S., Associate Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1923

CREAMER, WALTER J., JR., Associate Professor of Electrical Communication, University of Maine, Orono, Me. 1922

CREEK, HERBERT L., Professor and Head, Dept. of English, Purdue University, Lafayette, Ind. 1922

CRITCHFIELD, C. LEE, Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1930

CROCKETT, CHAS. W., Professor of Mathematics and Astronomy, Rensselaer Polytechnic Institute, Troy, N. Y. 1912

CROFOOT, GEORGE E., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1919

CROFT, HUBER O., Professor and Head, Mechanical Engineering Department, State University of Iowa, Iowa City, Iowa..... 1931

CROSBY, LEMUEL S., General Personnel Supervisor, Long Lines Dept., American Telephone and Telegraph Co., 15 Dey Street, New York, N. Y. 1929

CROSBY, W. W., Consulting Engineer, P. O. Box 685, Coronado, Calif. 1911

CROSS, HARDY, Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1912

CROSSMAN, RALPH S., Associate in General Engineering Drawing, University of Illinois, Urbana, Ill. 1919

CROTHERS, H. M., Dean, Division of Engineering, Professor of Electrical Engineering, South Dakota State College, Brookings, S. D. 1923

CROUCH, C. H., Mechanical Engineer, E. L. Phillips & Co., Room 1665, 50 Church St., New York City. (*Member of Council, 1911–4; 1915–8.*) 1907

CROUSE, CHARLES S., Head, Mining and Metallurgical Engineering, University of Kentucky, Lexington, Ky. 1929

CRUICKSHANKS, BENJAMIN C., Assistant Professor of Mechanical Engineering, George Washington University, Washington, D. C. 1931

CRUIKSHANK, BARTON, Instructor in Engineering Laboratory, University of Idaho, Moscow, Idaho 1929

CULLIMORE, ALLAN R., President, Newark College of Engineering, Newark, N. J. 1914

CULVER, EDWARD P., Associate Professor of Mechanical Engineering, Princeton University, Princeton, N. J. 1931

CUMMINGS, HAROLD N., Professor of Civil Engineering, Newark College of Engineering, Newark, N. J. 1930

CURFMAN, LAWRENCE E., Professor of Mathematics, Kansas State Teachers College, 406 West Adams Street, Pittsburgh, Kansas. 1927

CURRY, WALTER A., Assistant Professor of Electrical Engineering, Columbia University, New York City 1928

CURTIS, DONALD D., Professor of Mechanics, Clemson College, Clemson College, S. C. 1923

CURTNER, D. L., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1921

CUSHMAN, PAUL A., Professor and Head, Department of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. (212 Buena Vista Avenue, Ann Arbor, Mich.) 1922

CUTLER, A. S., Professor of Railway Engineering, University of Minnesota, Minneapolis, Minn. 1926

CUTSHALL, CHESTER S., Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1924

DAGGETT, P. H., Dean, College of Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1921–4.*) 1910

DAKE, CHARLES LAURENCE, Professor of Geology, School of Mines and Metallurgy, Rolla, Mo. 1919

DAKE, EARL D., Professor of Civil Engineering, South Dakota State School of Mines, Rapid City, S. D. 1929

DALAKER, HANS H., Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1922

DALE, R. BURDETTE, Supervisor, Industrial and Mechanical Engineering, Head, Dept. Drawing and Design, Pratt Institute, Brooklyn, N. Y. 1921

DANA, FOREST C., Professor of Engineering Problems, Iowa State College, Ames, Iowa 1923

DANA, W. J., Professor of Experimental Engineering, North Carolina State College, Raleigh, N. C. 1923

DANFORTH, R. H., Professor of Mechanics and Hydraulics in charge of the Warner Laboratories, Case School of Applied Science, Cleveland, O. 1914

DANIEL, CHARLES M., Assistant Professor of Mechanical Engineering, University of Virginia, University, Va. 1926

DANIELS, JOSEPH, Professor of Mining Engineering and Metallurgy, University of Washington, Seattle, Wash..... 1910

DANILOFF, MICHAEL 1928

DANSTEDT, RUDOLPH T., Instructor in Physics, Fenn College, Cleveland, Ohio 1930

DART, ALBERT C., Assistant Professor of Metallurgy, University of Wyoming, Laramie, Wyo. 1931

DATES, HENRY B., Professor of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio 1929

DAUGHERTY, ROBERT L., Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1919

DAVIDSON, J. BROWNLEE, Professor and Head, Department of Agricultural Engineering, Iowa State College, Ames, Iowa... 1915

DAVIDSON, M. W., Professor and Head, Dept. of Mechanical Engineering, University of South Dakota, Vermillion, S. D. 1917
DAVIES, C. E., Executive Secretary, American Society of Mechanical Engineers, 29 West 39th Street, New York City 1925
DAVIS, DAVID E., Instructor in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1925
DAVIS, GEO. JACOB, JR., Dean and Professor of Civil Engineering, University of Alabama, University, Ala. 1913
DAVIS, HALLAM W., Professor and Head, Department of English, Kansas State College, Manhattan, Kans. 1929
DAVIS, HARVEY N., President and Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. ... 1929
DAVIS, HOWARD L., Director of Technical Employment and Training, New York Telephone Co., 140 West Street, New York City 1929
DAVIS, RAYMOND E., Professor of Civil Engineering, University of California, Berkeley, Calif. 1913
DAVIS, WILLIAM C., Assistant Professor of Electrical Engineering, Fenn College, Cleveland, Ohio 1930
DAWES, CHESTER L., Associate Professor of Electrical Engineering, Harvard University, Cambridge, Mass. 1915
DAWES, LYMAN M., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1926
DAWLEY, E. R., Associate Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1926
DAWSON, F. M., Professor of Hydraulics and Sanitary Engineering, University of Wisconsin, Madison, Wis. 1923
DAY, HAROLD P. S., Plant Supervisor, Wisconsin Telephone Company, 1516 No. 53rd Street, Milwaukee, Wis. 1928
DEARBORN, R. H., Professor of Electrical Engineering, Oregon Agricultural College, Corvallis, Ore. 1917
DE BAUFRE, WM. L., Chairman, Department of Applied Mechanics and Engineering Drawing, University of Nebraska, Lincoln, Nebr. 1920
DECKER, ARTHUR J., Professor of Sanitary Engineering, University of Michigan, Ann Arbor, Mich. 1926
DEFOE, L. M., Professor of Mechanics, University of Missouri, Columbia, Mo. 1904
DEGLER, HOWARD E., Professor of Mechanical Engineering, University of Texas, Austin, Texas 1930
DE LA BARRE, CECIL F., Instructor in English, Virginia Polytechnic Institute, Blacksburg, Va. 1931
DELAY, FREDERIC A., 850 N. Van Ness Ave., Santa Ana, Calif. .. 1909
DELLER, RUSSEL A., Educational Department, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1931

DEMOREST, D. J., Professor of Metallurgy, The Ohio State University, Columbus, O. 1913

DENEEN, DAVID J., Instructor in Architecture, University of Minnesota, Minneapolis, Minn. 1927

DENNISON, B. C., Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1926

DENT, JOHN A., Professor and Head, Department of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1911

DENTON, F. W., Retired, 240 College Avenue, Houghton, Mich. .. 1894

DENUE, WILLIAM R., Professor of Civil Engineering, Manhattan College, New York, N. Y. 1931

DERBY, FRANK H., Associate Professor of Civil Engineering, Washington University, St. Louis, Mo. 1922

DERICKSON, DONALD, Professor of Civil Engineering, Tulane University of La., New Orleans, La. 1922

DERLETH, CHAS., JR., Professor of Civil Engineering and Dean of the College of Engineering, University of California, Berkeley, Calif. 1904

DEVINE, JAMES J., Assistant Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1930

DIBERT, HERBERT M., Secretary and Treasurer, W. & L. E. Gurley, Troy, N. Y. 1913

DICKINSON, LEONARD P., Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1914

DIEDERICHS, HERMAN, Director, Sibley School of Mechanical Engineering and Professor of Experimental Engineering, Cornell University, Ithaca, N. Y. 1915

DIEFENDORF, ADELBERT, Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1922

DIEMER, HUGO, Director, Management Courses and Personnel, La Salle Extension University, Chicago, Ill. 1902

DIETRICH, JOHN J., Instructor in Woodshop Pattern Making, Purdue University, Lafayette, Ind. 1922

DIETZ, J. W., Superintendent, Industrial Relations, Western Electric Co., Inc., Kearny Works, 100 Central Avenue, Kearny, N. J. 1911

DILLINGHAM, HARLEY C., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Texas 1929

DIRKS, HENRY B., Dean of Engineering, Michigan State College, East Lansing, Mich. 1920

DISQUE, ROBERT C., Dean, Drexel Institute, Philadelphia, Pa. (*Member of Council, 1928–31.*) 1927

DISTLER, THEODORE A., Director of Admissions and Student Personnel, New York University, New York City 1928

DIX, L. E., Professor of Mathematics, Norwich University, Northfield, Vt. 1917

DIXON, SOLON, Instructor in Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929
DOANE, S. E., Chief Engineer, National Lamp Works, General Electric Co., Nela Park, Cleveland, Ohio 1923
DOBBS, F. E., Principal, Wentworth Institute, Boston, Mass. 1912
DODDS, JOHN S., Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa 1928
DODGE, H. L., Director, School of Engineering Physics, Dean, Graduate School, University of Oklahoma, Norman, Okla..... 1919
DOGGETT, L. A., Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1914
DOHERTY, R. E., Professor of Electrical Engineering, Yale University, New Haven, Conn. (*Member of Council, 1930–33.*).... 1923
DOLAND, JAMES J., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1927
DOLL, ALFRED W., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1926
DOLVE, R. M., Dean of Engineering, North Dakota Agricultural College, Fargo, N. D. 1926
DOMONOSKE, ARTHUR B., Executive Head, Department of Mechanical Engineering, Stanford University, Stanford University, Calif. 1913
DONALD, WM. J., Managing Director, American Management Association, 20 Vesey St., New York City..... 1922
DONNELL, PHILIP S., Dean, Division of Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1927
DONOVAN, EDWARD T., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1929
DOOLEY, C. R., Manager, Personnel and Training, Standard Oil Co. of New York, 26 Broadway, New York, N. Y. (*Member of Council, 1929–32.*) 1907
DOOLITTLE, JESSE S., Instructor in Mechanical Engineering, Pennsylvania State College, State College, Pa. 1929
DOREMUS, HAL C., Head, Department of Engineering, John Tarleton Agricultural College, Stephenville, Texas 1923
DORRANS, J. M., Supt., Engineering Shops Labs., Assistant Professor of Mechanical Practice, University of Wisconsin, Madison, Wis. 1927
DORROH, J. H., Professor and Head, Department of Civil Engineering, University of New Mexico, Albuquerque, N. Mex. 1917
DOSTAL, BERNARD F., Assistant Professor of Mathematics, University of Florida, Gainesville, Fla. 1928
DOTY, L. DONALD, Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1930
DOUGHTIE, VENTON L., Assistant Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas 1930

DOUGLAS, EARL C., Instructor in Engineering, Joilet Junior College, Joliet, Ill. 1930

DOUGLAS, JOHN A., Instructor in Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1930

DOUGLAS, J. F. H., Associate Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1910

DOUGLAS, MALCOLM S., Assistant Professor of Civil Engineering, Case School of Applied Science, Cleveland, Ohio 1925

DOW, WILLIAM G., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929

DOWD, WYLLYS E., JR., Vice President, Foster Wheeler Corporation, 165 Broadway, New York City 1921

DOWNING, LEWIS K., Associate Professor of Civil Engineering, Howard University, Washington, D. C. 1929

DOWNING, RODERICK L., Associate Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1926

DOYLE, FRANK B., Experimental and Development Engineer, Ingersoll-Rand Company, Phillipsburg, N. J. 1925

DRAFFIN, JASPER O., Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1917

DREESE, ERWIN, Professor and Chairman, Department of Electrical Engineering, The Ohio State University, Columbus, Ohio 1929

DRISKO, W. J., Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1923

DRUCKER, ARTHUR E., Dean, School of Mines and Geology, Washington State College, Pullman, Wash. 1922

DRUM, MARTIN L., Professor of Surveying, Bucknell University, Lewisburg, Pa. 1925

DRUMMOND, GARRETT B., Assistant Professor of Mathematics, Oklahoma A. & M. College, Stillwater, Okla. 1930

DUCKERING, W. E., Professor of Civil Engineering; Head of Dept., University of British Columbia, Vancouver, B. C.; Eastsound, Wash. 1917

DUDLEY, A. M., Engineering Supervisor of Development and Education, Westinghouse E. and M. Co., East Pittsburgh, Pa. (*Member of Council, 1931–34.*) 1926

DUDLEY, SAMUEL W., Professor and Chairman, Dept. of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. 1921

DUFF, ALEXANDER W., Professor of Physics, Worcester Polytechnic Institute, Worcester, Mass. 1921

DUFF, C. M., Professor of Applied Mechanics, University of Nebraska, Lincoln, Nebr. 1912

DUFFEY, C. F., Professor of Electrical Engineering, University of Porto Rico, Box 143, Mayaguez, P. R. 1916

DUKES, R. G., Dean of Graduate School, Purdue University, Lafayette, Ind. 1907
DUNHAM, EARL M., Instructor in Engineering Drawing and Descriptive Geometry, University of Maine, Orono, Maine 1930
DUNHAM, HEBER, Assistant Professor of Engineering Drawing, New York University, New York, N. Y. 1914
DUNKIN, WILLIAM V., Professor of Mechanical Engineering, Georgia School of Technology, Atlanta, Ga. 1924
DUNSTAN, GILBERT H., Instructor in Civil Engineering, University of Southern California, Los Angeles, Calif. 1928
DUPLANTIER, DONALD A., Assistant Professor of Structural Engineering, University of Alabama, Tuscaloosa, Ala. 1930
DUPONT, T. C., Wilmington, Del. (Life Member) 1910
DUPRIEST, JOHN R., Professor and Head, Department of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1919
DURAND, W. F., Professor Emeritus of Mechanical Engineering, Leland Stanford Junior University, Stanford University, Calif. 1899
DURKEE, FRANK W., Professor of Chemistry in charge of Dept., Tufts College, Tufts College, Mass. 1926
DURLAND, M. A., Professor of Machine Design, Assistant Dean, Kansas State College, Manhattan, Kans. 1926
DURST, ROSS C., Professor of Civil Engineering, University of Akron, Akron, O. 1918
DUVALL, W. CLINTON, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1919
DYBLE, JOHN H., Instructor in Applied Mechanics, Case School of Applied Science, Cleveland, Ohio 1924
DYCHE, H. E., Professor and Head of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1914
DYER, FREDERICK C., Associate Professor of Mining Engineering, University of Toronto, Toronto, Ont., Canada 1913
DYSART, P. M., Teacher of Physics, Schenley High School, Pittsburgh, Pa. 1911
EARLE, CHESTER R., Associate Editor, Power Plant Engineering, 53 West Jackson Boulevard, Chicago, Ill. 1922
EARLE, RALPH, President, Worcester Polytechnic Institute, Worcester, Mass. 1925
EARLE, S. B., Director of the Engineering Department, and Professor of Mechanical Engineering, Clemson Agricultural College of South Carolina, Clemson College, S. C. (*Member of Council, 1927–30.*) 1912
EASTMAN, ROBERT F., Instructor in Structural Engineering, Antioch College, Yellow Springs, Ohio 1924
EASTON, WILLIAM H., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1931

EATON, PAUL B., Professor and Head, Department of Mechanical Engineering, Lafayette College, Easton, Pa. 1931

EBAUGH, NEWTON C., Instructor in Mechanical Engineering, Georgia School of Technology, Atlanta, Ga. 1931

EBAUGH, W. C., Professor of Chemistry, Denison University, Granville, Ohio 1908

ECKEL, C. L., Professor and Head, Department of Civil Engineering, University of Colorado, Boulder, Colo. 1914

ECKHARD, G. F., Professor of Structural Engineering, University of Vermont, Burlington, Vt. 1910

ECKHARDT, CARL J., JR., Adjunct Professor of Mechanical Engineering, University of Texas, Austin, Texas 1929

ECKLE, JOHN N., Assistant Professor of Engineering Drawing, Yale University, New Haven, Conn. 1928

EDDY, C. L., Professor and Head, Department of Engineering Administration, Case School of Applied Science, Cleveland, O... 1910

EDGAR, R. F., Assistant Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1920

EDGECOMB, R. E., Chief Engineer, City Bldg. Dept., 136 No. 35th Street, Omaha, Neb. 1912

EDISON, OSKAR E., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1922

EDMANDS, S. S., Director, School of Science and Technology, Pratt Institute, Brooklyn, N. Y. (*Member of Council, 1927–30.*).. 1903

EDWARDS, OLIVER C., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1925

EDWARDS, WILLIAM W., Head, Steam Engineering Department, Wentworth Institute, Boston, Mass. 1929

EGGERS, HENRY C. T., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922

EGILSRUD, FRIDTJOF S., Head, Mechanical Laboratory, Pratt Institute, Brooklyn, N. Y. 1928

EGRY, C. ROBERT, Instructor in Machine Design, Purdue University, Lafayette, Ind. 1930

EHLE, MARK, Professor of Mining Engineering, University of Arizona, Tucson, Ariz. 1925

EIDMANN, FRANK L., Professor of Mechanical Engineering, Columbia University, New York, N. Y. (*Member of Council, 1931–4.*) 1925

EKSTRAND, K. H., Instructor in Mechanical Engineering, State University of Iowa, Iowa City, Iowa 1923

ELBIN, GUY H., Professor of Civil Engineering, Ohio Northern University, Ada, Ohio 1924

ELGIN, JOSEPH C., Assistant Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1931

ELIZONDA, Y. A., Assistant Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1928

ELL, CARL S., Vice President and Dean, Northeastern University, Boston, Mass. 1917

ELLENWOOD, FRANK O., Professor of Heat Power Engineering, Cornell University, Ithaca, N. Y. 1929

ELLIOTT, BEN. G., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1931–34.*) 1912

ELLIOTT, D. S., Professor of Physics, Tulane University, New Orleans, La. 1919

ELLIOTT, EDWARD C., President, Purdue University, Lafayette, Ind. 1928

ELLIS, W. T., Professor of Power Engineering and Machine Design, Supervisor of Power Plant, Virginia Polytechnic Institute, Blacksburg, Va. 1910

ELY, JOHN A., Professor of Engineering, Dean, College of Arts and Science, St. John's University, Shanghai, China..... 1914

EMERSON, L. A., Educational Director, Y. M. C. A., 5 West 63rd Street, New York City 1929

EMERSON, WALTER D., Associate Professor of Engineering Mechanics, Norwich University, Northfield, Vt. 1920

EMMONS, WALTER J., Associate Professor of Highway Engineering, University of Michigan, Ann Arbor, Mich. 1923

EMRICK, PAUL S., Electrical Engineer, Lafayette, Ind. 1914

EMSWILER, J. E., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1919

ENDSLEY, L. E., Lecturer in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1907

ENGER, M. L., Professor of Mechanics and Hydraulics, Head, Dept., Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (*Member of Council, 1921–4.*) 1907

ENO, FRANK H., Research Professor of Highway Engineering, The Ohio State University, Columbus, O. 1907

ENSIGN, N. E., Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1915

ENTWISLE, FRANK N., Professor of Physics, College of Engineering, Newark, N. J. 1927

ENTWISTLE, JAMES L., Assistant Professor of Electrical Transportation, Massachusetts Institute of Technology, Cambridge, Mass. 1927

ERIKSEN, EDWARD L., Professor and Head, Department of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1921

ERNST, GEORGE C., Instructor in General Engineering, Iowa State College, Ames, Iowa 1930

ERSKINE, HARRY E., Instructor in Mathematics, Franklin Union, Boston, Mass. 1928

ESCHBACH, OVID W., Special Assistant, Personnel Dept., American Tel. and Tel. Co., 195 Broadway, New York City..... 1926

ESTEP, THOS. G., Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1922

ESTY, JAMES A., Professor of Economics, Purdue University, Lafayette, Ind. 1928

EVANS, F. H., Supervisor of Mechanical Courses, Rochester Athenaeum and Mechanics Institute, Rochester, N. Y. 1907

EVANS, H. S., Dean, College of Engineering, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. (*President, 1931–32; Vice President, 1920–1; Member of Council, 1931–.*) 1905

EVANS, WESTON S., Assistant Professor of Civil Engineering, University of Maine, Orono, Me. 1922

EVERETT, HAROLD A., Professor and Head, Dept., Mechanical Engineering, Pennsylvania State College, State College, Pa. 1924

EVERITT, WILLIAM L., Associate Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio..... 1927

EVINGER, M. I., Professor of Civil Engineering, University of Nebraska, Lincoln, Neb. 1926

EWING, D. D., Professor of Electrical Railway Engineering, Purdue University, Lafayette, Ind. 1910

EYRE, THOMAS T., Professor of Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1909

FABEL, DONALD C., Assistant Professor of Mechanical Engineering, Fenn College, Cleveland, Ohio 1930

FAIG, JOHN T., President, Ohio Mechanics Institute, Cincinnati, O. (*Vice President, 1918–9.*) 1899

FAIR, GORDON M., Associate Professor of Sanitary Engineering, Harvard Engineering School, Cambridge, Mass. 1926

FAIRBANKS, OSCAR W., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1929

FAIRBURN, A. J. B., Instructor in Electrical Engineering, Cooper Union, New York City 1927

FAIRES, VIRGIL M., Professor of Mechanical Engineering, A. and M. College of Texas, College Station, Texas..... 1925

FAIRFIELD, JOHN G., Professor of Heat Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

FAIRMAN, SEIBERT, Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1921

FARNHAM, CHARLES S., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1908

FARNHAM, FRANK C., Assistant Professor of Physics, Missouri School of Mines, Rolla, Mo. 1928

FARNHAM, WALTER E., Professor of Graphics, Tufts College, Tufts College, Mass. (*Member of Council, 1930–33.*) 1919

FARQUHARSON, F. B., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1928

FARRAR, CLYDE L., Associate Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1924

FARRELL, F. D., President, Kansas State College, Manhattan, Kans. 1928

FARRIS, MARSHALL E., Dean of Engineering, Professor of Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1925

FAY, IRVING W., Professor of Chemistry, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1931

FELGAR, J. H., Dean of the College of Engineering, University of Oklahoma, Norman, Okla. (*Member of Council, 1920–3.*)... 1912

FELKER, EVERETT J., Instructor in Civil Engineering, University of Maine, Orono, Me. 1922

FENTON, CHAUNCEY L., Professor, Dept. of Chemistry and Electricity, United States Military Academy, West Point, N. Y. 1930

FENTON, FREDERICK C., Professor of Agricultural Engineering, Kansas State College, Manhattan, Kans. 1928

FENWICK, HAROLD H., Assistant Professor of Engineering Drawing, University of Louisville, Louisville, Ky. 1927

FERGUSON, O. J., Professor of Electrical Engineering, and Dean, College of Engineering, Director, Engineering Experiment Station, University of Nebraska, Lincoln, Nebr. (*Vice President, 1923–4.*) 1908

FERGUSON, PHIL M., Associate Professor of Civil Engineering, University of Texas, Austin, Texas 1930

FERNALD, ERNEST M., Assistant Professor of Mechanical Engineering, Lafayette College, Easton, Pa. 1927

FERNALD, ROBERT H., Dean, Towne Scientific School, Director, Department of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1914–7.*) ... 1899

FERNOW, BERNHARD E., Professor of Mechanical Engineering, Clemson College, Clemson College, S. C. 1929

FERRETTI, ALFRED J., Associate Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1925

FERRY, ERVIN S., Head, Department of Physics, Purdue University, Lafayette, Ind. 1928

FESSENDEN, CHARLES H., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich..... 1925

FESSENDEN, E. A., Professor and Head of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1912

FEUSSE, ELMER G., Professor of Chemistry, Southwestern Louisiana Institute, Lafayette, La. 1924

FIELD, FLOYD, Professor of Mathematics, Dean of Men, Georgia School of Technology, Atlanta, Ga. 1919

FIELD, LAWRENCE N., Professor of Machine Design, Michigan State College, East Lansing, Mich. 1927

FIELDING, JOHN, Steel Technologist, University of Iowa, Iowa City, Iowa 1928

FIFE, SAMUEL T., Associate Professor and Acting Head, Dept. of Mechanical and Electrical Engineering, University of Louisville, Louisville, Ky. 1927

FILIPETTI, GEORGE, Professor of Economics and Business Administration, University of Minnesota, Minneapolis, Minn. 1931

FILLMORE, HERBERT W., Instructor in Mechanical Engineering, Evansville College, Evansville, Ind. 1929

FINCH, F. R., Associate Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1913

FINCH, JAMES K., Professor of Civil Engineering and Director of Summer School of Surveying, Columbia University, New York City 1925

FINCH, JOHN W., Dean, School of Mines, University of Idaho, Moscow, Idaho 1930

FINDLEY, WARREN G., Assistant in Psychology, Cooper Union, New York City 1929

FINNEGAN, JOSEPH B., Professor and Head, Dept. of Fire Protection Engineering, Armour Institute of Technology, Chicago, Ill. 1926

FISH, F. A., Professor of Electrical Engineering, Iowa State College, Ames, Ia. (*Member of Council, 1923–6.*) 1905

FISH, J. C. L., Executive Head, Department of Civil Engineering, Leland Stanford Junior University, Stanford University, Calif. (*Member of Council, 1921–4.*) 1919

FISHER, HILBERT A., Associate Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1930

FISHER, JAMES, Professor and Head, Dept. of Mathematics and Physics, Michigan College of Mines and Technology, Houghton, Mich. 1899

FISHMAN, SOLOMON, Instructor in Electrical Engineering, Newark College of Engineering, Newark, N. J. 1928

FISKE, DAVID L., Secretary, American Society of Refrigerating Engineers, 37 West 39th Street, New York, N. Y. 1930

FITTERER, J. C., Professor and Head, Dept. of Mathematics, Colorado School of Mines, Golden, Colo. 1912

FITTZ, RAYMOND U., Assistant Professor of Mechanical Engineering, Tufts College, Tufts College, Mass. 1922

FITZGERALD, JOHN W., Instructor in Experimental Engineering, Cornell University, Ithaca, N. Y. 1929

FITZGERALD, THOMAS W., Professor and Head, Department of Electrical Engineering, Georgia School of Technology, Atlanta, Ga. 1928

FLANDERS, ROGER L., Associate Professor of Civil Engineering, A. & M. College, Stillwater, Okla. 1927
FLATH, EARL H., Dean, School of Engineering, Southern Methodist University, Dallas, Texas 1925
FLEMING, ARTHUR P. M., Manager, Research and Education Dept., Metropolitan-Vickers Electrical Co., Manchester, England.... 1922
FLEMING, BURTON P., Manager, Elephant Butte Irrigation District, Las Cruces, N. M. 1926
FLEMING, ROBINS, Structural Engineer, American Bridge Co., 30 Church St., New York City 1921
FLINNER, ARTHUR O., Instructor in Mechanical Engineering, Kansas State College, Manhattan, Kansas 1931
FLODIN, JOHN, Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1924
FLOWERS, A. E., Engineer in charge of Development, The DeLaval Separator Co., Poughkeepsie, N. Y. 1910
FLOWERS, ROBERT L., Professor of Mathematics; Vice President, Secretary and Treasurer, Duke University, Durham, N. C. .. 1927
FOCKE, THEODORE M., Dean of Faculty, Kerr Professor of Mathematics, Case School of Applied Science, Cleveland, O. (*Member of Council, 1928–31.*) 1907
FOLK, SAMUEL B., Assistant Professor of Mechanics, The Ohio State University, Columbus, Ohio 1921
FOLTZ, LEROY S., Head, Dept. of Electrical Engineering, Michigan State College, East Lansing, Mich. 1918
FORD, ARTHUR R., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1931
FOSS, FRED E., Professor of Civil Engineering, Cooper Union, New York, N. Y. 1893
FOSS, MARTIN M., President, McGraw-Hill Book Co., Inc., 370 7th Ave., New York, N. Y. 1909
FOSTER, E. S., Assistant Chief Engineer The Packard Electric Co., R. D. 4, Warren, Ohio 1911
FOSTER, JOHN M., Associate Professor of Mechanical Engineering, North Carolina State College of A. & E., College Station, Raleigh, N. C. 1919
FOSTER, WM. ARTHUR, Assistant Professor of Rural Architecture, University of Illinois, Urbana, Ill. 1927
FOURAKER, LEROY L., Associate Professor of Electrical Engineering, A. & M. College of Texas, College Station, Tex..... 1924
FOURAKER, RAYMOND S., Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1929
FOX, FREDERICK H., Associate Professor of Civil Engineering, Tulane University of Louisiana, New Orleans, La. 1922
FOX, LESTER H., Instructor in Electrical Engineering, Mississippi A. & M. College, A. & M. College, Miss. 1931

FRAIM, PARKE B., Assistant Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1926
FRAME, FLOYD H., Professor of Electrical Engineering, Missouri School of Mines, Rolla, Mo. 1924
FRAMPTON, GEORGE O., Industrial Management Counsellor, East Aurora, N. Y. 1921
FRANK, E. D. A., Mechanical Engineer, 1714 No. Prospect Avenue, Milwaukee, Wis. 1917
FRANCIS, CHARLES W., Assistant Professor of Metallurgical Engineering, Fenn College, Cleveland, Ohio 1930
FRANKLAND, EDWIN, Instructor in Engineering Drawing, University of Detroit, Detroit, Mich. 1930
FRASER, I. MATHESON, Professor of Mechanical Engineering, University of Saskatchewan, Saskatoon, Sask. 1929
FRAZER, JOHN, Professor of Chemistry, University of Pennsylvania, Philadelphia, Pa. 1914
FRAZIER, FORREST F., Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1929
FRAZIER, RICHARD H., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927
FREEL, WILFRED I., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1928
FREEMAN, E. H., Professor and Head, Department of Electrical Engineering, Armour Institute of Technology, Chicago, Ill. 1909
FREEMAN, MATHEW L., Professor and Head, Department of Drawing, Mississippi A. & M. College, A. & M. College, Miss..... 1928
FREEMAN, W. EDWIN, Assistant Dean, College of Engineering, Head, Department of Electrical Engineering, University of Kentucky, Lexington, Ky. 1911
FREIRE, V. DA SILVA, Professor of Technique of Materials, Palytechnic School of State, Sao Paulo, Brazil 1929
FRENCH, ARTHUR W., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1900
FRENCH, OWEN B., Professor of Civil Engineering, George Washington University, Washington, D. C. 1923
FRENCH, R. DEL., Professor of Highway and Municipal Engineering, McGill University, Montreal, Canada 1929
FRENCH, ROBERT W., Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1920
FRENCH, THOS. E., Professor of Engineering Drawing, The Ohio State University, Columbus, O. (*Member of Council, 1916–9; Vice President, 1927–8.*) 1899
FREY, EMIL A., Assistant Professor of Modern Languages, Rensalear Polytechnic Institute, Troy, N. Y. 1928
FREY, GEORGE J., Head, Department of Mechanical Drawing, Ohio Mechanics Institute, Cincinnati, Ohio 1930

FRIGON, AUGUSTIN, Dean, Ecole Polytechnique, Montreal, Canada, (*Member of Council, 1930–33.*) 1929
FROCHT, MAX M., Associate Professor of Mechanics, Carnegie Institute of Technology, Pittsburgh, Pa. 1928
FRY, HOWARD M., Associate Professor of Physics and Electricity, Franklin and Marshall College, Lancaster, Pa. 1925
FRY, HORACE P., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1914
FRY, THORNTON C., Mathematical Research Engineer, Bell Telephone Laboratories, Inc., 463 West Street, New York City... 1929
FULLAN, M. T., Professor of Machine Design and Drawing, Alabama Polytechnic Institute, Auburn, Ala. 1915
FULLER, A. H., Professor and Head of Civil Engineering, The Iowa State College, Ames, Ia. (*Member of Council, 1914–7.*) 1901
FULLER, C. E., Professor of Theoretical and Applied Mechanics, Massachusetts Institute of Technology, Cambridge, Mass..... 1907
FULLER, LEONARD F., Professor of Electrical Engineering and Chairman of Dept., University of California, Berkeley, Calif. 1930
FULTON, CHARLES H., Director, Missouri School of Mines and Metallurgy, University of Missouri, Rolla, Mo..... 1923
FULTON, W. THOMPSON, Associate Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1930
FURIA, JOHN J., Professor of Industrial Engineering and Director of Personnel, Manhattan College, New York, N. Y.... 1919
FURMAN, FRANKLIN DER., Professor of Machine Design, Dean of College, Stevens Institute of Technology, Hoboken, N. J. 1907
FURR, M. W., Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1917
FUSSELL, LEWIS, Professor of Electrical Engineering, Chairman, Division of Engineering, Swarthmore College, Swarthmore, Pa. 1921
GALLALEE, JOHN M., Professor of Mechanical Engineering, University of Alabama, University, Ala. 1930
GAMBLE, WILLIAM H., Assistant Professor of Electrical Engineering, South Dakota State College, Brookings, S. D. 1931
GARCELON, WARREN R., Teacher of Applied Mathematics and Mechanical Drawing, Vallejo Senior High School, Vallejo, Calif. 1931
GARDNER, ROBERT A., Instructor in Civil Engineering, Bucknell University, Lewisburg, Pa. 1930
GARLAND, CLYNE F., Assistant Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1931
GARMAN, HARRY O., Consulting Engineer, 836 Ind. Pyth. Bldg., Indianapolis, Ind. 1907
GARMAN, WARREN D., Assistant Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. (1023 Wertland Street, Charlottesville, Va.) 1926

GARRAN, FRANK W., Assistant Professor of Civil Engineering, Thayer School of Civil Engineering, Dartmouth College, Hanover, N. H. 1925

GARRETT, SEYMOUR S., Professor of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1922

GARST, HARVEY O., Professor of Civil Engineering, New Mexico College of A. & M. Arts, State College, N. M. 1929

GAUGER, A. W., Professor of Fuel Technology; Director of Mineral Industries Research, Pennsylvania State College, State College, Pa. 1926

GAUM, CARL G., Professor of University Extension, Rutgers University, New Brunswick, N. J. 1928

GAUSS, HENRY F., Head, Dept. of Mechanical Engineering, University of Idaho, Moscow, Ida. 1926

GAVETT, JOSEPH W., Professor and Head, Department of Mechanical Engineering, University of Rochester, Rochester, N. Y... 1924

GAY, HAROLD, J., Assistant Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1930

GEBHARDT, GEORGE F., Professor of Mechanical Engineering, Armour Institute of Technology, Chicago, Ill. 1927

GEHRIG, ARTHUR G., Instructor in Engineering, Pasadena Junior College, Pasadena, Calif. 1929

GEIGER, I. W., Associate Professor of Analytical Chemistry, University of Minnesota, Minneapolis, Minn. 1926

GEIGER, JOHN W., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1923

GEORGE, ROBERT B., Electrical Engineer, Westinghouse E. & M. Co., Sharon, Pa. 1925

GEORGE, S. G., Professor of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1914

GEORGE, VINCENT C., Assistant Professor of Mechanical Engineering, Fresno State Teachers College, Fresno, Calif. 1931

GERARDI, JASPER, Instructor in Descriptive Geometry and Surveying, University of Detroit, Detroit, Mich. 1929

GETCHELL, EDWARD L., Associate Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H..... 1921

GETCHELL, WM. B., JR. 1929

GIBBS, RUSSELL E., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1931

GIBSON, J. L., Dean of School of Arts and Sciences, Professor of Mathematics, University of Utah, Salt Lake City, Utah..... 1911

GIESECKE, F. E., Director, Engineering Experiment Station, Texas A. & M. College, College Station, Texas. (*Member of Council, 1921–4.*) 1893

GILCHRIST, J. F., Vice President, Commonwealth Edison Co., 72 W. Adams Street, Chicago, Ill. 1911

GILKEY, HERBERT J., Professor and Head, Department of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa 1922

GILL, JAMES H., Professor of Machine Construction, West Virginia University, Morgantown, W. Va. 1929

GILMORE, DAVID P., Professor and Head, Department of Civil Engineering, University of Detroit, Detroit, Mich. 1919

GILMOUR, WALTER A., Professor of Coordination, University of Akron, Akron, O. 1922

GILTNER, CARL W., Laboratory Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1930

GIRVIN, HARVEY F., Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1927

GLADNEY, THOMAS G., Dean, School of Engineering, Professor of Civil Engineering, Mississippi A. & M. College, A. & M. College, Miss 1928

GLADSON, W. N., Vice President, Dean, College of Engineering, Director, Engineering Experiment Station, University of Arkansas, Fayetteville, Ark. 1903

GLEASON, G. SCOTT, Instructor in Engineering Drawing, Yale University, New Haven, Conn. 1927

GLENN, HOWARD E., Associate Professor of Civil Engineering, Clemson Agricultural College, Clemson College, S. Car. 1929

GODEKE, HARRY F., Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas 1930

GODFREY, WILLIAM P., Instructor in English, University of Detroit, Detroit, Mich. 1929

GOKHALE, GANDGAHAR V., Principal, N. E. D., Civil Engineering College, Karacki, Bombay, India 1924

GOODALE, S. L., Professor and Head, Dept. of Metallurgy, University of Pittsburgh, Pittsburgh, Pa. 1924

GOODRICH, ARTHUR L., Associate Professor of Drawing and Descriptive Geometry, Massachusetts Institute of Technology, Cambridge, Mass. 1930

GOODRICH, EDWIN A. 1930

GOODRICH, RALPH D., Professor of Civil Engineering, University of Wyoming, Laramie, Wyo. 1929

GORHAM, ROBERT C., Assistant Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1925

GOUGH, ACHILLES C., Dean, School of Engineering, University of Idaho, Southern Branch, Pocatella, Ida. 1922

GOVIER, CHARLES E., Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1930

GRAHAM, EUGENE C., Associate Professor of Shop Practice, Kansas State College, Manhattan, Kansas 1929

GRAHAM, WM. P., Vice Chancellor, Syracuse University, 1205 Harrison Street, Syracuse, N. Y. 1912

GRAM, LEWIS M., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1913

GRAMSTORFF, EMIL A., Associate Professor of Civil Engineering, Northeastern University, Boston, Mass. 1926

GRANDLIENARD, EDWARD T., Professor of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1919

GRANDY, LEWIS S., Associate Professor of Electrical Engineering, Texas Technological College, Lubbock, Texas 1927

GRANDY, MICHAEL, Professor and Head, Dept. of Physics, University of Dayton, Dayton, Ohio 1928

GRANT, EUGENE L., Associate Professor of Civil Engineering, Stanford University, Stanford University, Calif 1925

GRANT, ROBERT J., Assistant Professor of Shop and Mechanic Arts, State Teachers College, Oshkosh, Wis. 1930

GRANTHAM, GUY E., Assistant Professor of Physics, Cornell University, Ithaca, N. Y. 1928

GRATON, LOUIS C., Professor of Mining Geology, Harvard University, Cambridge, Mass. 1925

GRAY, ELLSWORTH S., Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1931

GRAY, HENRY C., Instructor in Machine Design, Rose Polytechnic Institute, Terre Haute, Ind. 1929

GRAY, JOHN C., Associate Professor of Chemistry, U. S. Naval Academy, Annapolis, Md. 1920

GREAVES-WALKER, A. F., Professor and Head, Dept. of Ceramic Engineering, North Carolina State College, Raleigh, N. C. 1925

GREEN, BOYNTON M., Associate Professor of Mechanical Engineering, Stanford University, Stanford University, Calif. 1925

GREENE, ARTHUR M., JR., Dean, School of Engineering, Professor of Mechanical Engineering, Princeton University, Princeton, N. J. (*President, 1919–20; Member of Council, 1906–9; 1914–.*) 1903

GREENSHIELDS, BRUCE D., Professor of Engineering Science, Denison University, Granville, Ohio 1926

GREGG, ROYAL B., Instructor in Practical Mechanics, Purdue University, Lafayette, Ind. 1930

GREGORY, W. B., Professor of Experimental Engineering, Tulane University, New Orleans, La. 1907

GREINER, OTTO A., Associate Professor of Modern Languages, Purdue University, Lafayette, Ind. 1922

GRENOBLE, HERBERT S., Associate Professor of Industrial Engineering, Virginia Polytechnic Institute, Manager, V. P. I. in Richmond, Va. 1929

GREVE, F. W., Professor of Hydraulic Engineering, Purdue University, Lafayette, Ind. 1912
GRIDER, RICHARD L., Associate Professor of Mining Engineering and Drawing, University of Kansas, Lawrence, Kans. 1922
GRIFFIN, FRED S., Professor of Mechanical Engineering, University of Akron, Akron, O. 1922
GRIFFITH, D. M., Assistant Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1924
GRIFFITH, JAMES R., Professor of Structural Engineering, Oregon State Agricultural College, Corvallis, Ore. 1929
GRINTER, LINTON E., Professor of Structural Engineering, A. & M. College of Texas, College Station, Texas 1928
GRISMER, FRANK A., Instructor in English, University of Colorado, Boulder, Colo. 1929
GRISWOLD, ROBT. G., Chief Technologist, Henry L. Doherty & Co., 60 Wall St., New York, N. Y. 1917
GROAT, B. F., Consulting Engineer, 20 Chapel Street, Brookline, Mass. 1889
GRONE, EDWARD A., Instructor in Applied Mechanics, University of Nebraska, Lincoln, Nebr. 1924
GROSS, CHAS. F., Associate Professor of Marine Engineering and Naval Architecture, University of California, Berkeley, Calif. 1927
GROW, GEORGE W., Assistant Professor of Drawing and Machine Design, West Virginia University, Morgantown, W. Va..... 1926
GRUMMANN, HERBERT R., Assistant Professor of Mathematics, Washington University, St. Louis, Mo. 1930
GUERIN, FREDERICK J., Instructor in Chemistry, University of Maine, Orono, Me. 1931
GUITERAS, JOSEPH R., Professor of Mining Engineering, University of Wyoming, Laramie, Wyo. 1925
GULICK, LEE N., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1923
GUMMERE, H. V., Haverford College, Haverford, Pa. 1914
GUS, CHARLES E., Instructor in Electrical Engineering, New York University, New York City 1926
GWIAZDOWSKI, ALEXANDER P., Assistant Professor of Shop Practice, University of Michigan, Ann Arbor, Mich. 1928
HAERTLEIN, ALBERT, Associate Professor of Civil Engineering, Harvard University, Cambridge, Mass. 1929
HAFFORD, W. B., 330 No. Mason Avenue, Chicago, Ill. 1929
HALE, ROBERT S., Supt., Special Research Dept. Edison Illuminating Company of Boston, 39 Boylston Street, Boston, Mass... 1916
HALES, VIRGIL D., Instructor in Civil Engineering, Fenn College, Cleveland, Ohio 1930
HALL, AMY V., Associate in English, University of Washington, Seattle, Wash. 1925

HALL, B. RUPERT, Supt. of Pattern Laboratory, University of Illinois, Urbana, Ill. 1920

HALL, JAMES A., Professor of Mechanical Engineering, Brown University, Providence, R. I. 1914

HALL, RUSSELL A., Assistant Professor of Civil Engineering, Union College, Schenectady, N. Y. 1925

HALL, STANLEY G., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1927

HALL, VORIS B., Assistant Professor of Physics, Bucknell University, Lewisburg, Pa. 1927

HALL, WALTER C., College Employment Representative, Illinois Bell Telephone Company, 212 West Washington Street, Chicago, Ill. 1929

HALL, WESLEY B., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1925

HALL, WILLIAM H., Professor of Civil Engineering, Duke University, Durham, N. C. 1927

HALLIDAY, WILLIAM R., Associate Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1926

HALLIGAN, CLAIR W., Engineer, American Telephone and Telegraph Co., 195 Broadway, New York City 1925

HALLOCK, J. W., Professor and Head of Industrial Engineering, University of Pittsburgh, Pittsburgh, Pa. 1915

HAMILTON, EDW. P., Vice President and Treasurer, John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. 1914

HAMILTON, J. O., Professor of Physics, Kansas State College, Manhattan, Kans. 1910

HAMMOND, H. P., Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. Director of Summer Schools for Engineering Teachers, S. P. E. E. (*Associate Director of Investigations, 1923–29; Member of Council, 1927–30*) 1916

HAMMOND, JOHN HAYS, Engineer, 2221 Kalarama Road, N. W., Washington, D. C. 1925

HAMMOND, ROBERT J., JR., Instructor in Drawing and Architecture, University of Arkansas, Fayetteville, Ark. 1930

HANCE, JAMES H., Dean, School of Mines, Oregon State College, Corvallis, Ore. 1926

HANEY, JILES W., Professor and Chairman, Department of Mechanical Engineering, University of Nebraska, Lincoln, Nebr..... 1916

HANNA, U. S., Professor of Mathematics, Indiana University, Bloomington, Ind. 1915

HANNAFORD, EARLE S., Supervisor of Training, A. T. & T. Co., 7060 Clayton Road, St. Louis, Mo. 1931

HANSEN, EINAR T., Instructor in Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1930

HANSEN, ARTHUR S., Instructor in Mathematics, Armour Institute of Technology, 749 Marion Ave., Highland Park, Ill. 1927

HANSON, THOMAS C., Instructor in Civil Engineering, University of Detroit, Detroit, Mich. 1930

HARBARGER, SADA A., Assistant Professor of English, The Ohio State University, Columbus, Ohio. (*Member of Council, 1926–9.*) 1918

HARDER, OSCAR E., Assistant Director, Battelle Memorial Institute, Columbus, Ohio 1925

HARDGRAVE, JOHN C., Instructor in Mechanical Engineering, Supt. of Shops, Texas Technological College, Lubbock, Texas 1930

HARDING, C. FRANCIS, Head, School of Electrical Engineering, Purdue University, Lafayette, Ind. (*Vice-President, 1930–31; Member of Council, 1918–21; 1930–31.*) 1908

HARDING, E. P., Associate Professor of Chemistry, University of Minnesota, Minneapolis, Minn. 1924

HARDING, GEORGE H., Instructor in Civil Engineering and Mathematics, University of Louisville, Louisville, Ky. 1930

HARKNESS, DANIEL H., Instructor in Civil Engineering, University of Nebraska, Lincoln, Nebr. 1928

HARLAN, ORLAN K., Consultant in Mechanical Engineering, State College, Pa. 1921

HARPER, A. C., Director, Wyomissing Trade School, Wyomissing, Pa. 1911

HARRINGTON, THOS. H., Professor of Engineering Drafting, Assistant to Dean, Columbia University, New York City..... 1925

HARRIS, C. L., Professor of Architectural Engineering, The Pennsylvania State College, State College, Pa. 1914

HARRIS, HARRY E., Consulting Engineer, 299 Thorne Street, Bridgeport, Conn. 1924

HARRIS, WALTER B., Professor of Geodesy, Princeton University, Princeton, N. J. 1914

HARRISON, THOMAS P., Professor of English, North Carolina State College, Raleigh, N. C. 1923

HART, S. T., Professor of Industrial Engineering, Syracuse University, Syracuse, N. Y. 1923

HARTENBERG, RICHARD S., Instructor in Mechanics, University of Wisconsin, Madison, Wis. 1930

HARTER, G. A., Professor of Mathematics, University of Delaware, Newark, Del. 1905

HARTIG, HENRY E., Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1922

HARTMANN, F. M., Dean, Schools of Engineering, Professor of Electrical Engineering, Cooper Union, New York, N. Y. 1908

HARTWICH, FREDERICK C. Professor of Calculus and Mechanics, University of Dayton, Dayton, Ohio 1927

HASKELL, L. ST. J., Assistant to Vice President, The Bell Telephone Company of Canada, 502 Grosvenor Avenue, Westmount, Quebec, Canada 1925

HASKINS, ELMER E., Instructor in Mathematics, Northeastern University, Boston, Mass. 1932

HASKINS, GEORGE W., Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1931

HASTINGS, HUDSON B., Professor of Industrial Engineering, Yale University, New Haven, Conn. 1928

HATCH, D. ARTHUR, Associate Professor of Mathematics, Lafayette College, Easton, Pa. 1908

HATFIELD, HAROLD D., Professor of Industrial Engineering, Rutgers University, New Brunswick, N. J. 1927

HATT, W. K., Head, School of Civil Engineering and Director of the Materials Testing Laboratory, Purdue University, Lafayette, Ind. (*Member of Council, 1926–9.*) 1895

HAULTAIN, H. E. T., Professor of Mining Engineering, University of Toronto, Toronto, Ont., Canada 1911

HAUSMANN, ERICH, Professor of Physics and Electrical Communication, Polytechnic Institute of Brooklyn, Brooklyn, N. Y... 1926

HAWKES, JOHN B., Engineering Editor, Ginn and Company, 15 Ashburton Place, Boston, Mass. 1927

HAWKINS, GEORGE A., Assistant Instructor in Applied Mechanics, Purdue University, Lafayette, Ind. 1930

HAWTHORN, GEORGE E., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1929

HAY, EARL D., Head, Departments of Mechanical and Industrial Engineering, University of Kansas, Lawrence, Kans. 1915

HAYES, LESLIE D., Professor of Machine Design and Construction, West Virginia University, Morgantown, W. Va. 1922

HAYGOOD, T. F., Assistant Professor of Economics, University of Louisville, Louisville, Ky. 1930

HAYNES, WALTER, Dean of Engineering, Oregon Institute of Technology, Portland, Ore. 1926

HAZARD, CLIFTON T., Associate Professor of Mathematics, Purdue University, Lafayette, Ind. 1923

HAZELTINE, ALAN, 5, Square du Trocadero, Paris, France 1910

HEACOCK, FRANK A., Head, Dept. of Graphics and Engineering Drawing, Princeton University, Princeton, N. J. 1926

HEAD, CARL I., Professor of Mechanical Engineering, James Millikin University, Decatur, Ill. 1926

HEALD, HENRY T., Assistant to Dean, Associate Professor of Civil Engineering, Armour Institute of Technology, Chicago, Ill... 1931

HEANY, ARTHUR G., Manager, Text-Book Dept., D. Van Nostrand Company, 250 4th Avenue, New York, N. Y. 1929

HECK, CHARLES R., Manager, College Department, McGraw-Hill Book Co., 370 Seventh Avenue, New York City 1927

HECK, NICHOLAS H., Chief, Division of Terrestrial Magnetism and Seismology, Coast and Geodetic Survey, Washington, D. C... 1923

HECK, ROBERT C. H., Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1929–32.*) 1907

HEDRICK, E. R., Professor of Mathematics, University of California at Los Angeles, Calif. (*Member of Council, 1926–9.*) 1910

HEDRICK, WM. A., Head of the Department of Physics of the High and Manual Training Schools, Central High School, Washington, D. C. 1913

HEFFNER, ROY J., Educational Director, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1930

HEFLIN, S. M., Assistant Professor of Physics, Virginia Military Institute, Lexington, Va. 1924

HEHRE, FREDERICK W., Associate Professor of Electrical Engineering, Columbia University, New York City 1926

HEISIG, G. B., Instructor in Inorganic Chemistry, University of Minnesota, Minneapolis, Minn. 1924

HELWIG, WM. F., Assistant Professor of Electrical Engineering, Texas Technological College, Lubbock, Texas 1930

HENDERSON, CHARLES, Associate Professor of Experimental Engineering, University of Virginia, University, Va. 1926

HENDERSON, JAMES M., Director, Department of Industrial Arts, Tennessee Polytechnic Institute, Cookeville, Tenn. 1930

HENDRICK, T. K. A., Assistant Engineer Designer, Board of Water Supply, City of New York, 58 Forest Avenue, New Rochelle, N. Y. 1921

HENLINE, HENRY H., Assistant National Secretary, American Institute of Electrical Engineers, 33 W. 39th Street, New York City 1919

HENSHAW, CHARLES N., Assistant Professor of Mechanical Engineering, Renssalear Polytechnic Institute, Troy, N. Y. 1930

HERINGTON, GEORGE B., Lecturer, Oregon Agricultural College, Corvallis; 622 Kearny Street, Portland, Ore. 1928

HERR, E. M., President, Westinghouse E. & M. Co., 150 Broadway, New York City 1924

HERRICK, CARL A., Associate Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn..... 1922

HERRMANN, RAYMOND R., Manager, Rate and Sales Research Dept., Northern States Power Co., 1357 Raymond St., Minneapolis, Minn. 1926

HERSHEY, ARTHUR W., Research Engineer, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1927

HERTZLER, ELMER A., Instructor in Mathematics, Pratt Institute, Brooklyn, N. Y. 1929

HESSE, HERMAN C., Associate Professor of Applied Mathematics, University of Virginia, University, Va. 1929

HESSLER, VICTOR P., Instructor in Electrical Engineering, Iowa State College, Ames, Iowa. 1928

HEWITT, CHARLES E., Assistant to Director, American Council on Education, 26 Jackson Place, Washington, D. C. 1915

HIBSHMAN, NELSON S., Assistant Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1930

HICKERSON, T. F., Professor of Civil Engineering, University of North Carolina, Chapel Hill, N. C. 1914

HIGBEE, F. G., Professor and Head of the Department of Descriptive Geometry and Drawing, State University of Iowa, Iowa. City, Ia. (*Vice President, 1922–3; Member of Council, 1916–9.*) 1906

HIGBIE, H. H., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1929–32.*) 1908

HILL, ARTHUR M., Instructor in Mechanical Engineering, Tulane University, New Orleans, La. 1931

HILL, A. S., Professor of Electrical Engineering, University of Maine, Orono, Me. 1919

HILL, J. E., Professor of Civil Engineering, Brown University, Providence, R. I. 1894

HINCKLEY, ALFRED D., Instructor in Electrical Engineering, Columbia University, New York City 1929

HINRICHS, FREDERIC W., JR., Professor of Mechanics, California Institute of Technology, Pasadena, Calif. 1925

HIROTA, SEIITI, 22 Denyen-Chofu, Ebara-Gori, near Tokyo, Japan 1927

HITCECOCK, E. A., Dean of Engineering College, Director, Engineering Experiment Station, The Ohio State University, Columbus, O. (*Vice President, 1929–30; Member of Council, 1922–5.*) 1921

HITCHCOCK, LEON W., Professor of Electrical Engineering, University of New Hampshire, Durham, N. H. 1922

HIXON, CHARLES R., Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1910

HOAD, W. C., Professor of Sanitary and Municipal Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1925–8.*) 1907

HOADLEY, ANTHONY, Assistant Professor of Civil Engineering, Union College, Schenectady, N. Y. 1928

HOBBS, ALLAN W., Associate Professor of Applied Mathematics, University of North Carolina, Chapel Hill, N. C. 1910

HOCKEMA, FRANK C., Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1921

HODGE, PERCY, Professor of Physics, Stevens Institute of Technology, Hoboken, N. J. 1928

HODGE, WILLARD W., Professor and Head, Dept. of Chemical Engineering, Assistant Director, Engineering Experiment Station, West Virginia University, Morgantown, W. Va. 1930

HOEFER, E. G., Professor of Mechanical Engineering, University of North Carolina, Chapel Hill, N. C. 1910

HOELSCHER, RANDOLPH P., Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1912

HOFFMAN, J. D., Professor and Head, Dept. of Practical Mechanics and Director of Laboratories, Purdue University, Lafayette, Ind. 1907

HOFMANN, G. A., Professor of Mechanical Engineering, University of Dayton, Dayton, O. 1916

HOGAN, MERVIN B., Lecturer in Mechanical Engineering, University of Utah, Box 28, Salt Lake City, Utah 1931

HOGLUND, GUSTAV O., Aluminum Company of America, New Kensington, Pa. 1928

HOLBROOK, E. A., Dean, Schools of Engineering and Mines, University of Pittsburgh, Pittsburgh, Pa. 1927

HOLCOMB, GLENN W., Assistant Professor of Civil Engineering, Oregon Agricultural College, Corvallis, Ore. 1927

HOLDEN, CHARLES A., Professor of Civil Engineering, Dartmouth College, Hanover, N. H. 1901

HOLDER, FRANCIS J., Professor of Mathematics, Mercer University, Macon, Ga. 1912

HOLLAND, UBERT C., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1930

HOLLIS, I. N., President, Retired, Worcester Polytechnic Institute, 985 Memorial Drive, Cambridge, Mass. (*Vice President, 1917–8; Member of Council, 1898–01.*) 1894

HOLLISTER, S. C., Professor of Structural Engineering, Assistant Director, Testing Materials Laboratory, Purdue University, Lafayette, Ind. 1916

HOLMAN, W. F., Professor and Supervising Engineer, University of Minnesota, Minneapolis, Minn. 1912

HOLMBERG, CARL H., Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1924

HOLMES, ALESTER G., JR., Instructor in Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1930

HOLMES, FRED E., Assistant Professor of Mechanics and Hydraulics, Manager, Housing Service, The State University of Iowa, Iowa City, Ia. 1919

HOLMES, WILLIAM M., Instructor in Electricity, Pasadena Junior College, Pasadena, Calif. 1931

HOLT, A. H., Associate Professor of Civil Engineering, State University of Iowa, Iowa City, Iowa 1923

HOMBERGER, ALFRED W., Professor of Chemistry and Director of Chemical Laboratories, University of Louisville, Louisville, Ky. 1926

HOOD, GEO. J., Professor of Engineering Drawing, University of Kansas, Lawrence, Kans. 1914

HOOD, O. P., Chief, Technologic Branch, U. S. Bureau of Mines, 1831 Irving St., N. W., Washington, D. C. (*Member of Council, 1912–8.*) 1893

HOOPER, ELMER G., Professor of Hydraulics, New York University, New York, N. Y. 1909

HOOVER, P. L., Associate Professor of Electrical Engineering, Assistant Director, Engineering Experiment Station, Rutgers University, New Brunswick, N. J. 1931

HOOVER, THEODORE J., Dean, Engineering School, Stanford University, Stanford University, Calif. (*Member of Council, 1930–33.*) 1919

HORINE, JOHN S., Associate Professor of Drawing, University of Kentucky, Lexington, Ky. 1929

HORTON, PAUL M., Professor of Chemical Engineering, Louisiana State University, Baton Rouge, La 1931

HOSFORD, H. M., Professor of Mathematics, University of Arkansas, Fayetteville, Ark. 1930

HOSKINS, L. M., Emeritus Professor of Applied Mathematics, 1240 Waverly St., Palo Alto, Calif. (*Member of Council, 1917–20.*) 1893

HOSMER, GEO. L., Professor of Geodesy, Massachusetts Institute of Technology, Cambridge, Mass. 1914

HOSTED, EDWARD G., Instructor in Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1929

HOSTETTER, H. C., Instructor in Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1926

HOTCHKISS, CHARLES H. B., Editor, *Heating and Ventilating*, 148 Lafayette St., New York City 1925

HOTCHKISS, W. O., President, Michigan College of Mining and Technology, Houghton, Mich. 1926

HOUCHENS, JOHN M., Coordinator, University of Louisville, Louisville, Ky. 1930

HOUGEN, OLAF A., Associate Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1930

HOUSE, E. B., Professor of Civil and Irrigation Engineering, Colorado State Agricultural College, Ft. Collins, Colo..... 1913

HOUSTON, HALE, Associate Professor of Civil Engineering, Washington and Lee University, Box 422, Lexington, Va..... 1914

HOWARD, ALAN, In charge, Educational Work, Advanced Courses in Engineering, General Electric Company, Schenectady, N. Y. 1931

HOWARD, DARNLEY, Assistant Professor of Mechanical Engineering, Howard University, Washington, D. C. 1928

HOWARD, JOHN W., Associate Professor of Topographical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1907

HOWARD, PAUL F., 144 Circuit Rd., Winthrop, Mass. 1923

HOWE, C. S., President Emeritus, Case School of Applied Science, North Amherst, Mass. (*President, 1907–8; Vice President, 1906–7; Member of Council since 1903.*) 1902

HOWE, EVERETT D., Assistant Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1931

HOWE, JEROME W., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925

HOWE, LEON B., Professor of Drawing, College of Applied Science, Syracuse University, Syracuse, N. Y. 1917

HOWELL, ALMONTE C., Associate Professor of English, Assistant Dean of the Graduate School, University of North Carolina, Chapel Hill, N. C. 1922

HOWELL, ERIC V., Assistant Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1927

HOWELL, ROGER S., Professor of Experimental Engineering, Director of Evening School, Georgia School of Technology, Atlanta, Ga. 1919

HOWER, H. S., Professor and Head, Department of Physics, Carnegie Institute of Technology, Pittsburgh, Pa. 1914

HOWITT, NATHAN, Physicist, Naval Research Laboratory, Washington, D. C. 1925

HOWLAND, WARREN E., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1926

HOY, ELVIN A., Instructor in Mathematics and Engineering Drawing, University of Hawaii, Honolulu, T. H. 1930

HOYT, LAWRENCE B., Director of Engineering, Professor of Civil Engineering, Evansville College, Evansville, Ind. 1931

HUACUJA, FEDERICO, Professor of Drawing, Escuela de Ingenieros Mecánicos Electricistas, Netzahualcoyotl, 75, Mexico City, Mexico 1926

HUDSON, ROSS C., Assistant Professor of Mechanics and Drawing, Clarkson College of Technology, Potsdam, N. Y. 1927

HUFFMON, RAYMOND L. 1930

HUGHES, C. A., Associate Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn. 1927

HUGHES, GEORGE G., Professor of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1924

HUGHES, THOMAS P., Instructor in Forging and Heat Treatment, University of Minnesota, Minneapolis, Minn. 1927

HULL, ROBERT H., Assistant Professor of Electrical Engineering, University of Idaho, Moscow, Ida. 1929

HUME, ALFRED, Chancellor, University of Mississippi, University, Miss. (Spring Hill, Tenn.) 1894

HUMPHREY, CARL T., Dean, School of Technology, Professor of Civil Engineering, Villanova College, Villanova, Pa. 1921

HUMPHREY, HERBERT K., Professor of Electrical Engineering, Rice Institute, Houston, Tex. 1918

HUMPHRIES, POWELL H., Assistant Professor of Electrical Engineering, Tulane University, New Orleans, La. 1930

HUNT, DEWITT, Professor and Head, Department of Industrial Engineering, Oklahoma A. & M. College, Stillwater, Okla..... 1931

HUNT, GUY H., Assistant Professor of Applied Mathematics, University of California at Los Angeles, Calif. 1923

HUNT, LOUIS W., Professor of Chemical Engineering, Fenn College, Cleveland, Ohio 1930

HUNT, ORVILLE D., Assistant Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1927

HUNTER, J. A., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. (*Member of Council, 1925–8.*)..... 1904

HUNTER, JAMES W., Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1929

HUNTINGTON, E. V., Professor of Mechanics, Harvard University, Cambridge, Mass. (*Member of Council, 1914–7.*) 1906

HUNTINGTON, W. C., Professor and Head, Dept. of Civil Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1929–32.*) 1914

HUNTLY, PHILIP C., Associate Professor of Experimental Engineering, Armour Institute of Technology, Chicago, Ill. 1927

HUSTEDT, HERMAN F., Instructor in Mechanic Arts, Chief Engineer and Supt. of Buildings and Grounds, Tulane University, New Orleans, La. 1922

HUTCHINSON, CHARLES A., Professor and Head, Dept. of Engineering Mathematics, University of Colorado, Boulder, Colo..... 1923

HYDE, A. L., Professor of Bridge Engineering, University of Missouri, Columbia, Mo. 1904

HYDE, EMMA, Associate Professor of Mathematics, Kansas State College, Manhattan, Kansas 1929

HYLAND, PATRICK H., Associate Professor of Machine Design, University of Wisconsin, Madison, Wis. 1925

IHRIG, ROSCOE M., Director, Division of General Studies, and Night Courses, Dean of Freshmen, Carnegie Institute of Technology, Pittsburgh, Pa. 1925

IMMEDIATO, GERARDO, 4 West 43d Street, New York, N. Y. 1926

INGALLS, JAMES W., Professor of Industrial Engineering, Northeastern University, Boston, Mass. 1923

INGRAM, EDWARD L., Professor of Railroad Engineering and Geodesy, University of Pennsylvania, Philadelphia, Pa. 1908

IRLAND, GEORGE A., Assistant Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1927

ISENBERG, DAVID A., Head, Department of Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1928

JABLOW, CHARLES, Railway Mechanical Engineer, Westinghouse E. & M. Co., 137 Avenue A, Forest Hills, Pa. 1910

JACKLIN, HAROLD M., Associate Professor of Automotive Engineering, Purdue University, Lafayette, Ind. 1925

JACKSON, DANIEL D., Executive Officer and Professor of Chemical Engineering, Columbia University, New York City..... 1924

JACKSON, DUGALD C., Professor of Electric Power Production and Distribution in Charge of Dept. of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. (*President, 1906–7; Member of Council since 1906; Member, Board of Investigation and Coordination, 1922–.*) **Fourth Recipient Lamme Medal (1931).** 1893

JACKSON, DUGALD C., JR., Professor and Head, Department of Electrical Engineering, University of Kansas, Lawrence, Kansas 1922

JACKSON, JOHN PRICE, Manager, Personnel Bureau, The New York Edison Co., 4 Irving Place, New York City. (*Vice President, 1905–6; Member of Council, 1894–7.*) 1893

JACOBUS, D. S., Advisory Engineer, The Babcock & Wilcox Co., 85 Liberty St., New York, N. Y. 1893

JACOBY, HENRY S., Professor of Bridge Engineering, Emeritus, Cornell University, 3000 Tilden St., N.W., Washington, D. C. (*President, 1915–6; Vice President, 1913–4; Secretary, 1900–2; Member of Council, 1900–5; 1915–.*)..... 1894

JAMES, J. H., Professor of Chemistry, Carnegie Institute of Technology, Pittsburgh, Pa. 1910

JAMES, WALTER H., Associate Professor of Mechanical Engineering Drawing, Massachusetts Institute of Technology, Cambridge, Mass. 1926

JAMIESON, ROBERT E., Associate Professor of Civil Engineering, McGill University, Montreal, Canada 1929

JAMISON, WALTER W., Head, Mass. School of Art, Instructor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1930

JANDA, H. F., Professor of Highway Engineering and City Planning, University of Wisconsin, Madison, Wis. 1924

JANSKY, CYRIL M., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1924

JANSSEN, ALLEN S., Instructor in Civil Engineering, University of Idaho, Moscow, Idaho 1931

JENKIN, ANTHONY, Associate Professor of Mining Engineering Case School of Applied Science, Cleveland, O. (Iregaharon, St. Columbo, Cornwall, England) 1921

JENKINS, DAVID R., Professor of Electrical Engineering, University of North Dakota, University Station, Grand Forks, N. D. 1912

JENKINS, FRED R., Educational Director, Chicago Central Station Institute, 72 West Adams Street, Chicago, Ill..... 1924

JENKINS, HOWARD M., Assistant Professor of Electrical Engineering, Swarthmore College, Swarthmore, Pa. 1931

JENNESS, LESLIE G., Instructor in Chemical Technology, Pratt Institute, Brooklyn, N. Y. 1931

JENNESS, LYLE C., Professor of Chemical Engineering, University of Maine, Orono, Me. 1926

JENSEN, GORDON L., Instructor in Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1929

JETT, CARTER C., Professor of Machine Design, University of Kentucky, Lexington, Ky. 1925

JETT, DANIEL B., Associate Professor of Civil Engineering, New Mexico A. & M. College, State College, N. M. 1928

JEWELL, ALBERT H., Executive Director, Health Conservation Association, 1020 McGee Street, Kansas City, Mo. 1923

JEWETT, ARTHUR C., Director, College of Industries, Carnegie Institute of Technology, Pittsburgh, Pa. 1925

JEWETT, F. B., Vice President, American T. & T. Co., President, Bell Telephone Laboratories, Inc., 195 Broadway, New York, N. Y. 1914

JOERGER, C. ALBERT, Professor of Mechanical Engineering, University of Cincinnati, Cincinnati, Ohio 1929

JOHN, WALTON C., Associate Specialist in Graduate and Professional Education, U. S. Office of Education, Department of Interior, Washington, D. C. 1923

JOHNDROE, S. G., Educational Director, Massachusetts Reformatory, 871 Main Street, Concord, Mass. 1921

JOHNSON, A. R., Professor of Structural Design, Rutgers University, New Brunswick, N. J. 1909

JOHNSON, CHARLES A., Director, Vocational Education, Public Schools, Great Southern Life Building, Houston, Texas 1927

JOHNSON, ELMER W., Assistant Professor of Electrical Power Engineering, University of Minnesota, Minneapolis, Minn. 1926

JOHNSON, F. ELLIS, Professor and Head, Department of Electrical Engineering, Iowa State College, Ames, Iowa 1916

JOHNSON, FREDERICK M. G., Dean of Science, McGill University, Montreal, Canada 1928

JOHNSON, HERMAN P., Associate Professor of English Literature, University of Virginia, University, Va. 1926

JOHNSON, J. HUGO, Professor and Head, Department of Electrical Engineering, University of Idaho, Moscow, Ida. 1926

JOHNSON, LEWIS J., Professor of Civil Engineering, Harvard University, Cambridge, Mass. (*Member of Council, 1902–5; 1908–11.*) 1898

JOHNSON, WILLIAM D., Assistant Radio Inspector, Department of Commerce, U. S., P. O. Box 2833, Dallas, Texas 1927

JOHNSTON, CLAIR C., Assistant Professor of Civil Engineering, University of Detroit, Detroit, Mich. 1929

JOHNSTON, W. A., Professor of Theoretical and Applied Mechanics, Massachusetts Institute of Technology, Cambridge, Mass.... 1907

JONES, ARTHUR S., Associate Professor of Engineering Drawing, Pennsylvania State College, State College, Pa. 1929

JONES, CHARLES B., Instructor in Forging and Heat Treating, Pratt Institute, Brooklyn, N. Y. 1928

JONES, C. R., Dean of the College of Engineering and Professor of Power Engineering, West Virginia University, Morgantown, W. Va. (*Vice President, 1904–5.*)..... 1895

JONES, E. C., Assistant Professor of Shop Practice, Kansas State College, Manhattan, Kans. 1917

JONES, F. E., Assistant Professor of Mechanic Arts, University of Kansas, Lawrence, Kans. 1915

JONES, JAMES B., Associate Professor of Applied Mechanics and Experimental Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927

JONES, J. C., Professor of Geology, University of Nevada, Reno, Nev. 1923

JONES, J. O., Professor of Hydraulics, University of Kansas, Lawrence, Kansas 1916

JONES, LAWRENCE D., Secretary, College of Engineering, Assistant Professor of Engineering Drawing, Ohio State University, Columbus, Ohio 1930

JONES, WALTER B., Professor of Education, University of Pittsburgh, Pittsburgh, Pa. 1930

JONES, WALTER P., Associate Professor of English, University of Louisville, Louisville, Ky. 1930

JORDAN, HARVEY H., Professor and Head, General Engineering Drawing, and Assistant Dean, College of Engineering, University of Illinois, Urbana, Ill. (*Vice President, 1931–32; Member of Council, 1924–7.*) 1915

JORDAN, HENRY G., Professor of Electrical Engineering, Colorado Agricultural College, Fort Collins, Colo..... 1926

JORDAN, HERBERT E., Associate Professor of Mathematics, University of Kansas, Lawrence, Kans. 1924

JORGENSEN, ALBERT, Associate in Drawing and Descriptive Geometry, University of Illinois, Urbana, Ill. 1926

JORGENSON, L. M., Assistant Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1926

JUDD, HORACE, Professor of Hydraulic Engineering, The Ohio State University, Columbus, O. 1907

JURDAK, MANSUR, Professor of Mathematics, Director of Engineering Classes, American University of Beirut, Beirut, Syria 1929

JUSTIN, EDWARD M., Assistant Professor of Mathematics, Case School of Applied Science, Cleveland, Ohio 1928

KAHN, LOUIS, Instructor in Electrical Engineering, Rutgers University, New Brunswick, N. J. 1929

KAMMERMAN, J. O., Professor and Head, Dept. of Electrical Engineering, South Dakota State School of Mines, Rapid City, S. D. 1924

KAPP, CECIL A., Director, Cooperative Education, Drexel Institute, Philadelphia, Pa. 1929

KARELITZ, GEORGE B., Associate Professor of Mechanical Engineering, Columbia University, New York, N. Y. 1930

KARSTEN, ANDREW, Professor of Chemical Engineering, South Dakota School of Mines, Rapid City, S. D. 1931

KARTAK, FRANZ A., Dean of Engineering, Marquette University, Milwaukee, Wis. 1922

KAVANAUGH, DENNIS, JR., Associate Professor of Mechanical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1925

KAVANAUGH, W. H., Professor of Experimental Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1919–22.*) 1902

KEATOR, FREDERIC W., Assistant Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1929

KEELER, HUGH E., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1926

KEENAN, ERNEST C., Professor of Applied Mathematics, Syracuse University, Syracuse, N. Y. 1926

KEGERREIS, ROY, Physician, 2016 Washington Boulevard, Chicago, Ill. (Life Member.) 1913

KEIM, PAUL F., Instructor in Civil Engineering, University of Nebraska, Lincoln, Nebr. 1930

KELLER, ARTHUR R., Dean, College of Applied Science, University of Hawaii, 2456 Oahn Avenue, Honolulu, T. H. 1910

KELLER, GEORGE J., Assistant Professor of Steam Engineering, The State University of Iowa, Iowa City, Ia. 1919

KELLER, JOHN F., Steel Specialist, Purdue University, Lafayette, Ind. 1925

KELLER, J. O., Professor of Engineering Extension, The Pennsylvania State College, State College, Pa. 1916

KELLER, WILLIAM A., Professor of Electrical Engineering, University of Mexico, Mexico City, Mexico 1926
KELTON, FRANK C., Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1925
KEMLER, EMORY, Instructor in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1929
KENERSON, W. H., Professor of Mechanical Engineering, Chairman Division of Engineering, Brown University, Providence, R. I. (*Member of Council, 1924–7.*) 1903
KENNARD, HAROLD J., Assistant Professor of Graphics, Lafayette College, Easton, Pa. 1930
KENNEDY, F. L., Associate Professor of Engineering Drawing (Emeritus), Harvard University, Cambridge, Mass. 1904
KENNELLY, A. E., Professor of Electrical Engineering, Emeritus, Harvard University and Massachusetts Institute of Technology, Cambridge, Mass. 1916
KENRICK, GLEASON W., Assistant Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1927
KENT, CLARENCE H., Professor of Mechanical Engineering, Ann Arbor, Mich. 1926
KENT, HARRY L., JR., Instructor in Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1931
KENT, J. M., Teacher of Steam and Electricity and Radio Engineering, Manual Training High School, Kansas City, Mo..... 1903
KEPNER, HAROLD R., Assistant Professor of Civil Engineering, Utah State Agricultural College, Logan, Utah 1930
KERCHNER, RUSSELL M., Associate Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1923
KEREKES, FRANK, Professor of Structural Engineering, Iowa State College, Ames, Iowa 1927
KERN, EDWARD F., Professor of Electro-metallurgy, Columbia University, New York City 1925
KERSTEN, HAROLD J., Assistant Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio 1927
KESNER, HENRY J., Professor of Civil Engineering, University of Nebraska, Lincoln, Nebr. 1921
KETCHUM, MILO S., Dean, College of Engineering, Director, Engineering Experiment Station, University of Illinois, Urbana, Ill. (*President, 1917–8; Vice President, 1910–11; Secretary, 1904–6; Member of Council, 1904–9; 1916–.*) 1903
KETCHUM, R. B., Dean, School of Mines and Engineering, University of Utah, Salt Lake City, Utah 1928
KEYES, DONALD B., Professor and Head, Division of Industrial Chemistry, University of Illinois, Urbana, Ill. 1928
KIEFER, EARL C., Professor of Mathematics, James Millikin University, Decatur, Ill. 1921

KIEFER, PAUL J., Professor of Mechanical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1917

KIERNAN, CHARLES J., Assistant to Supervisor, Industrial Relations, Newark College of Engineering, Newark, N. J. 1931

KILPATRICK, A. VERN, Assistant Professor of Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1929

KIMBALL, ALLEN H., Professor and Head, Department of Architectural Engineering, Iowa State College, Ames, Iowa..... 1931

KIMBALL, D. S., Professor of Industrial Engineering, and Dean, College of Engineering, Cornell University, Ithaca, N. Y. (*President, 1928–29; Vice President, 1922–23; Member, Board of Investigation and Coordination, 1924–; Member of Council, 1928–.*) 1915

KIMBERLY, EMERSON E., Assistant Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio 1928

KING, EVERITT E., Professor of Railway Civil Engineering, University of Illinois, Urbana, Ill. 1908

KING, GEORGE C., Professor of Mechanical Engineering Design, Purdue University, Lafayette, Ind. 1926

KING, H. W., Professor of Hydraulic Engineering, University of Michigan, Ann Arbor, Mich. 1913

KING, MORLAND, Professor and Head, Dept. of Electrical Engineering, Lafayette College, Easton, Pa. 1920

KING, ROY S., Head, Department of Mechanical Engineering, Georgia School of Technology, Atlanta, Ga. (*Vice President, 1924–5; Member of Council, 1920–5.*) 1904

KINGMAN, EDWARD D., Head, Department of Applied Mechanics, Wentworth Institute, Boston, Mass. 1923

KINNEY, EDWARD D., Associate Professor of Metallurgy in charge of Chemical Engineering, University of Kansas, Lawrence, Kans. 1922

KINNEY, EDWARD E., Assistant Professor of Electrical Engineering, Michigan State College, East Lansing, Mich. 1925

KINSLOE, CHARLES L., Head, Department of Electrical Engineering, The Pennsylvania State College, State College, Pa..... 1926

KIRBY, RICHARD S., Associate Professor of Engineering Drawing, Sheffield Scientific School, Yale University, New Haven, Conn. 1911

KIRCHNER, W. H., Professor and Head, Dept. of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1910

KISTLER, PAUL N., Assistant Professor of Mechanical Engineering, Brown University, Providence, R. I. 1931

KITTREDGE, RAYMOND B., Professor of Transportation Engineering, State University of Iowa, Iowa City, Ia. 1921

KLEIN, A. W., Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1908

KLEMIN, ALEXANDER, Professor of Aeronautical Engineering, New York University, New York City 1926
KLINGER, WERNER W. 1929
KLOEFFLER, ROYCE G., Professor and Head, Department of Electrical Engineering, Kansas State College, Manhattan, Kans.... 1919
KLOPSTEG, PAUL E., President, Central Scientific Company, 460 East Ohio Street, Chicago, Ill. 1928
KLOTZ, FREDERICK E., Instructor in Civil Engineering, Iowa State College, Ames, Iowa 1928
KLUGH, WILLISTON W., Associate Professor of Drawing, Clemson Agricultural College, Clemson College, S. Car. 1929
KNAPP, WILLARD A., Professor of Engineering Extension Service, Purdue University, Lafayette, Ind. 1920
KNIGHT, ABNER R., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1929
KNIGHT, ARTHUR J., Professor of Civil Engineering, Supt., Buildings and Grounds, Worcester Polytechnic Institute, Worcester, Mass. 1926
KNIGHT, CARL D., Professor of Experimental Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1907
KNIGHT, W. A., Professor of Mechanical Practice, The Ohio State University, Columbus, O. 1907
KNIPMEYER, CLARENCE C., Professor of Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929
KNIPP, CHARLES T., Professor of Experimental Electricity, University of Illinois, Urbana, Ill. 1921
KNOWLES, MAHLON G., Instructor in Applied Science, Wentworth Institute, Boston, Mass. 1922
KNOWLES, MORRIS, President and Chief Engineer, 507 Westinghouse Building, Pittsburgh, Pa. (*Member of Council, 1921–4.*) 1919
KOCH, RUTH L., Instructor in Coordination and Correlation, Speed Scientific School, University of Louisville, Louisville, Ky..... 1927
KOENIG, LLOYD R., Assistant Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1931
KOENITZER, LESTER H., Instructor in Applied Mechanics, Kansas State College, Manhattan, Kans. 1929
KOEPKE, CHARLES A., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1929
KOERBER, G. A., Professor of Electrical Engineering, Delaware College, Newark, Del. 1915
KOLB, ROBERT P., Assistant Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. (207 Ithaca Road, Ithaca, N. Y.) 1925
KOLBE, PARKE R., President, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1926

KOMMERS, JESSE B., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1923
KOPP, CHARLES F., Assistant Professor of Mechanical Engineering, University of Detroit, Detroit, Mich. 1930
KOVARIK, ALOIS F., Professor of Physics, Sheffield Scientific School, Yale University, New Haven, Conn 1919
KOWALKE, OTTO L., Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1918
KRATHWOHL, WM. C., Professor and Head, Department of Mathematics, Armour Institute of Technology, Chicago, Ill. 1927
KRAUSNICK, WALTER, Brighton, Nova Scotia 1925
KREFELD, WILLIAM J., Assistant Professor of Civil Engineering, Columbia University, New York City 1929
KROTZER, F. W., 442 Greenwich Avenue, Milwaukee, Wis. 1929
KUHLMAN, JOHN H., Associate Professor of Electrical Design, University of Minnesota, Minneapolis, Minn. 1925
KUNKLE, GEORGE M., Instructor in Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1925
KURTZ, E. B., Professor and Head, Department of Electrical Engineering, University of Iowa, Iowa City, Iowa 1921
KURZWEIL, ARTHUR C., Instructor in Engineering Drawing, University of Minnesota, Minneapolis, Minn. 1930
LAFRENIÈRE, THEO. J., Professor of Sanitary Engineering, École Polytechnique, 59 Notre Dame, East Montreal, Canada 1923
LAMBE, EMERSON P., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1925
LAMBERT, B. J., Head, Dept. of Civil Engineering, State University of Iowa, Iowa City, Ia. 1907
LAMBERT, LEROY S., Assistant to the President, Northwestern Bell Telephone Company, 1204 Telephone Building, Omaha, Neb. 1929
LAMBERTINE, JOSEPH A., Instructor in Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1928
LAMBIE, JOS. S., Operating Manager, Concrete Products Company of America, Diamond Bank Building, Pittsburgh, Pa..... 1914
LANDREAU, GEORGES L., Professor of Engineering Drawing, Ecole Polytechnique, Montreal, Canada 1930
LANDRETH, OLIN H., 140 Park Ave., Mt. Vernon, New York, N. Y. (*Vice President, 1908–9; Member of Council, 1892–5; 1901–4.*) 1893
LANGE, PAULUS, Assistant Professor of English, Iowa State College, Ames, Iowa 1922
LANGILLE, H. B., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1915
LANGSDORF, ALEXANDER S., Dean, Schools of Engineering and Architecture, Washington University, 5187 Cabanne Ave., St. Louis, Mo. (*Member of Council, 1913–16.*) 1903

LANIER, A. C., Professor and Chairman, Department of Electrical Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1927–30.*) 1915
LANING, WILLARD A., Bucknell University, Lewisburg, Pa. 1930
LANSIL, CLIFFORD E., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1925
LAPHAM, JOHN R., Dean, Professor of Civil Engineering, George Washington University, Washington, D. C. 1912
LARKIN, F. V., Director of Mechanical and Industrial Engineering, Lehigh University, Bethlehem, Pa. (*Member of Council, 1930–33.*) 1912
LARKINS, JAMES T., Assistant Professor of Engineering, Director of Architecture, Pennsylvania State College, State College, Pa. 1930
LARSON, C. WILLIAM, Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1929
LARSON, G. L., Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1911
LATON, T. J., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1923
LAURSON, PHILIP G., Associate Professor of Engineering Mechanics, Yale University, New Haven, Conn. 1920
LAWALL, CHARLES E., Director, School of Mines and Extension of Industrial Sciences, West Virginia University, Morgantown, W. Va. 1931
LAWRENCE, JAMES C., Assistant to President, University of Minnesota, Minneapolis, Minn. 1928
LAWRENCE, RUSSELL E., Dean of Engineering, University of Detroit, Detroit, Mich. 1926
LAWRENCE, R. R., Professor of Electrical Machinery, Massachusetts Institute of Technology, Cambridge, Mass. 1907
LAWS, F. A., Professor of Electrical Measurements, Massachusetts Institute of Technology, Cambridge, Mass. 1909
LEAVITT, H. WALTER, Associate Professor of Civil Engineering, University of Maine, Orono, Me. 1922
LECONTE, J. N., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1913
LEE, FRANK H., Instructor in Engineering Drafting, Columbia University, New York City 1927
LEE, MYRON A., Professor of Industrial Engineering, Cornell University, Ithaca, N. Y. 1929
LEET, HORACE W., Professor of Machine Design and Mechanical Drawing, University of Rochester, Rochester, N. Y. 1930
LEFAVOUR, ROLAND W., Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1921
LEFEBVRE, OLIVIER O., Chief Engineer, Quebec Streams Commission, New Court House, Montreal, Canada 1919

LEHMANN, CHARLES H., Instructor in Mathematics, Cooper Union, New York, N. Y. 1931

LEHOCZKY, PAUL N., Instructor in Industrial Engineering, Ohio State University, Columbus, Ohio 1930

LEIGH, CHARLES W., Professor of Analytic Mechanics, Armour Institute of Technology, Chicago, Ill 1928

LEIGHTON, ARTHUR W., Assistant Professor of Graphics, Tufts College, Tufts College, Mass. 1922

LELAND, O. M., Dean, College of Engineering and Architecture, and the School of Chemistry, University of Minnesota, Minneapolis, Minn. (*President, 1926–7; Member of Council, 1921–4; 1926–.*) 1908

LENDALL, HARRY N., Professor of Municipal and Sanitary Engineering, Head, Dept. of Civil Engineering, Rutgers University, New Brunswick, N. J. 1912

LEONARD, CARROLL M., Assistant Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1930

LEONARD, HEMAN BURR, Professor of Mathematics, University of Arizona, Tucson, Ariz. 1919

LEONARD, SAMUEL J., Associate Professor of Civil Engineering, Drexel Institute, Philadelphia, Pa. 1929

LEPAGE, CLIFFORD B., Assistant Secretary, The American Society of Mechanical Engineers, 29 West 39th St., New York City. 1908

LESTER, O. C., Professor of Physics, Dean of Graduate School, University of Colorado, Boulder, Colo. 1912

LEUTWILER, O. A., Professor of Mechanical Engineering Design, University of Illinois, Urbana, Ill. (*Member of Council, 1918–21.*) 1906

LEWIS, FRED J., Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1926

LEWIS, J. F., Purchasing Agent, Pringle Electric & Mfg. Co., 505 Brinton St., Germantown, Philadelphia, Pa. (Life Member.) 1913

LEWIS, RALPH E., Instructor in Mechanical Engineering, Texas Technological College, Lubbock, Texas..... 1931

LEWIS, ROBERT S., Professor of Mining, University of Utah, Salt Lake City, Utah..... 1922

LEWISOHN, SAM A., Vice President and Treasurer, Miami Copper Company, 61 Broadway, New York City 1929

LICHTY, LESTER C., Associate Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1930

LIGHT, J. J., Assistant Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1917

LILLY, SCOTT B., Professor of Civil Engineering, Swarthmore College, Swarthmore, Pa. 1913

LINCOLN, P. M., Director, School of Electrical Engineering, Cornell University, Ithaca, N. Y. 1911

LINDBLAD, A. F., Assistant Professor of Naval Architecture, University of Michigan, Ann Arbor, Mich. 1921
LINDELL, W. FRANCIS, Instructor in Mechanical Engineering, University of Delaware, Newark, Del. 1922
LINDLEY, ROY W., Assistant Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1922
LINDSAY, FRANK B., Box 224, Colton, Calif. 1928
LITTLE, ARLINGTON P., Professor of Electrical Engineering, Colorado School of Mines, Golden, Colo. 1918
LLOYD, DANIEL B., Instructor in Applied Mathematics, Syracuse University, Syracuse, N. Y. 1931
LLOYD, HAROLD RHYS, Assistant Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich 1926
LLOYD, TOM C., Professor in charge of Electrical Engineering, Antioch College, Yellow Springs, Ohio 1929
LOCKE, CHARLES E., Professor of Mining Engineering and Ore Dressing, Massachusetts Institute of Technology, Cambridge, Mass. 1924
LOCKWOOD, H. J., Professor of Power Engineering, Dartmouth College, Hanover, N. H. 1929
LOEBS, ELMER M., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1928
LOGAN, CHARLES A., Assistant Professor of Agricultural Engineering, Kansas State College, Manhattan, Kansas 1930
LOHR, WM. S., Professor of Civil Engineering, Lafayette College, Easton, Pa. 1927
LOMMEL, GEORGE E., Professor of Topographical Engineering, Purdue University, Lafayette, Ind. 1926
LONG, MAURICE B., Assistant Director of Publication, Bell Telephone Laboratories, 463 West Street, New York, N. Y..... 1930
LORAH, JAMES R., Associate Professor of Chemical Engineering, University of Missouri, Columbia, Mo. 1928
LORY, CHARLES A., President, State Agricultural College of Colorado, Fort Collins, Colo. 1908
LOTT, SAMUEL H., Associate Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1921
LOVELL, ALFRED H., Professor of Electric Power Engineering, Assistant Dean of Engineering, University of Michigan, Ann Arbor, Mich. 1920
LOVETT, I. H., Professor of Electrical Engineering, University of Missouri, Rolla, Mo. 1921
LOWE, THOMAS M., Assistant Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1928
LUCARINI, GENO B., Assistant Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1929

LUCKE, CHARLES E., Stevens Professor of Mechanical Engineering, Columbia University, New York, N. Y. 1906
LUDY, L. V., Professor of Experimental Engineering, Purdue University, Lafayette, Ind. 1902
LUEBS, AUGUST A., Associate Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1921
LUETH, IRVING B., Instructor in Mathematics and English, Pratt Institute, Brooklyn, N. Y. 1931
LUND, JACOB, Supt. Heat and Power Dept., Kansas State College, Manhattan, Kans. 1910
LUTHER, H. B., Professor of Civil Engineering, University of Cincinnati, Cincinnati, O. 1914
LYFORD, OLIVER S., Vice President, Brooklands, Inc., 77 Kraft Avenue, Bronxville, N. Y. 1924
LYON, DANIEL R., Instructor in Machine Work, Pratt Institute, Brooklyn, N. Y. 1930
LYON, DORSEY A., Director, Dept. Mining and Metallurgical Research, University of Utah, Salt Lake City, Utah 1923
LYONS, WALDO H., Associate Professor of Mathematics, Kansas State College, Manhattan, Kans. 1926
LYTLE, CHAS. W., Director of Industrial Coördination, New York University, New York City 1922
MACARTHUR, JOHN R., Professor of Languages, Dean of Freshmen, California Institute of Technology, Pasadena, Calif..... 1915
MACCONOCHIE, ARTHUR F., Associate Professor of Mechanical Engineering, University of Virginia, University, Va. 1923
MACCULLOUGH, GLEASON H., Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1922
MACDONALD, JOHN, Associate Professor of Civil Engineering, Union College, Schenectady, N. Y. 1925
MACDONALD, S. L., Head of the Department of Mathematics, Colorado State Agricultural College, Ft. Collins, Colo. 1914
MACK, ALBERT J., Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1919
MACKAVANAGH, T. J., Professor of Electrical Engineering, Catholic University of America, Washington, D. C. 1916
MACKENZIE, C. J., Dean of Engineering, University of Saskatchewan, Saskatoon, Sask., Canada 1915
MACLEAN, EDWARD A., Bridge Designer, Maine Highway Commission; Band Brook Farm, Augusta, Maine 1923
MACLIN, EDWARD S., Professor of Industrial Education, West Virginia University, Morgantown, W. Va. 1922
MACNAUGHTON, EDGAR, Professor of Mechanical Engineering, Tufts College, Tufts College, Mass. 1916
MACNAUGHTON, JAS., President, Calumet and Hecla Mines, Calumet, Mich. 1905

MacNutt, Barry, Gloucester, Mass. 1910
Macomber, G. S., Assistant Professor of Electrical Engineering, New York University, New York, N. Y. 1904
Madigan, John A., Professor and Head, Dept. of Mathematics and Engineering, College of St. Thomas, St. Paul, Minn..... 1931
Magnusson, C. Edward, Professor of Electrical Engineering, Director, Engineering Experiment Station, University of Washington, Seattle, Wash. (*Member of Council, 1911–4; 1922–5; Vice President, 1927–8.*) 1907
Magoun, F. Alexander, Associate Professor of Humanics, Massachusetts Institute of Technology, Cambridge, Mass. 1930
Magruder, Wm. T., Professor of Mechanical Engineering, The Ohio State University, Columbus, O. (*President, 1912–3; Vice President, 1905–6; Secretary, 1906–7; Member of Council, 1899–2; 1905–.*) 1893
Mahone, Leslie W., Assistant Professor of Engineering Extension, Iowa State College, Ames, Iowa 1929
Main, C. T., President, Chas. T. Main, Inc., 201 Devonshire St., Boston, Mass. 1911
Maleev, Vladimir L., Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1930
Mallory, Francis, Professor of Physics, Virginia Military Institute, Lexington, Va. 1912
Manderfield, Nicholas, Associate Professor of Metallurgy and Ore-Dressing, Michigan College of Mining and Technology, Houghton, Mich. 1926
Maney, George A., Professor of Structural Engineering, Northwestern University, Evanston, Ill. 1927
Mann, Charles A., Chief of Division and Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn.... 1917
Mann, C. R., Director, American Council on Education, 744 Jackson Place, Washington, D. C. (*Member of Council, 1918–21.*) 1914
Mann, Clair V., Professor of Engineering Drawing, University of Missouri, Rolla, Mo. (*Member of Council, 1925–8.*) 1924
Mann, Frederick M., Professor and Head, School of Architecture, University of Minnesota, Minneapolis, Minn. 1925
Mansfield, Edward S., Head, Educational Bureau, The Edison Electric Illuminating Company, Boston, Mass..... 1929
Mantell, Charles L., Instructor in Chemical Design, Pratt Institute, Brooklyn, N. Y. 1931
Mao, T. E., President, Pei-Yang University, Tientsin, China 1923
Marcellus, Jonta B., Consulting Engineer, Federal Land Bank, Wichita, Kansas 1924
March, Herman W., Professor of Mathematics, University of Wisconsin, Madison, Wis. 1926

MERCHANT, GUY B., Assistant Professor of Electrical Engineering, Evansville College, Evansville, Ind. 1927

MARGOLIS, JOSEPH, Instructor in Chemistry, Fenn College, Cleveland, Ohio 1930

MARIN, JOSEPH, Instructor in Civil Engineering, Rutgers University, New Brunswick, N. J. 1931

MARKER, J. R., Chief Engineer, Ohio Paving Brick Mfgrs. Association, 510 Hartman Bldg., Columbus, O. 1913

MARKLE, DAVID L., Associate Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926

MARKLE, E. W., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Tex. 1923

MARKS, LIONEL S., Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. (*Vice President, 1912–3.*) 1909

MARQUIS, F. W., Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio 1910

MARSDEN, RAYMOND R., Dean and Professor of Civil Engineering, Thayer School of Civil Engineering, Dartmouth College, Hanover, N. H. 1922

MARSH, MALCOLM R., Adjunct Professor of Engineering and Mathematics, Texas College of Mines and Metallurgy, El Paso, Texas 1929

MARSHALL, WM., Professor and Head, Dept. of Mathematics, Purdue University, Lafayette, Ind. 1923

MARSTON, ANSON, Dean of Engineering and Director of the Engineering Experiment Station, Iowa State College, Ames, Ia. (*President, 1914–5; Treasurer, 1906–7; Member of Council, 1914–.*) 1894

MARTENIS, JOHN V., Associate Professor of Machine Design, University of Minnesota, Minneapolis, Minn. 1908

MARTIN, W. H., Professor of Heat Engineering, Oregon Agricultural College, Corvallis, Ore. 1913

MARX, C. D., Professor Emeritus of Civil Engineering, Stanford University, Stanford University, Calif. (*Vice President, 1899–00; Member of Council, 1893–6.*) 1893

MASON, H. LEA, Assistant Professor of Mechanical Engineering, Columbia University, New York, N. Y. 1925

MASON, HOWARD W., Professor and Head, Department of Experimental Engineering, Georgia School of Technology, Atlanta, Ga. 1921

MATHESON, ERNEST G., Associate Professor of Civil Engineering, University of British Columbia, Vancouver, B. C. 1926

MATHEWS, RALPH T., Instructor in Mechanical Engineering, Duke University, Durham, N. Car. 1930

MATHEWSON, CHAMPION H., Professor of Metallurgy, Yale University, New Haven, Conn. 1921

MATLOCK, JOSEPH R., Assistant Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1930

MATTHEWS, JOHN J., Assistant Professor of Mechanical Engineering, Swarthmore College, Swarthmore, Pa. 1931

MAURER, EDWARD R., Professor of Mechanics, University of Wisconsin, Madison, Wis. (*Vice President, 1918–9; Member of Council, 1909–12.*) 1897

MAVIS, FREDERIC T., Associate Professor of Mechanics and Hydraulics, University of Iowa, Iowa City, Iowa 1929

MAXFIELD, HAROLD A., Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass..... 1925

MAXSON, GEORGE R., Associate Professor of Mechanical Drawing, University of Oklahoma, Norman, Okla. 1928

MAYER, ERNEST J., Professor of Industrial Education, New Mexico Normal University, Las Vegas, N. M. 1928

MAYLOTT, CARLETON F., Graduate Student, Lehigh University, Bethlehem, Pa. 1928

MAYROSE, HERMAN E., Professor of Engineering Mechanics, University of Detroit, Detroit, Mich. 1926

MCBRIDE, WILBERT G., Professor of Mining Engineering, McGill University, Montreal, Canada 1929

MCCABE, FRANCIS T., Master, Rindge Technical School, Cambridge, Mass. 1921

MCCANDLISS, L. C., Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1914

MCCANN, WM. R., Engineer, Atmospheric Nitrogen Corporation, Hopewell, Va. 1912

MCCARTER, WILLIAM W., Instructor in Mechanical Engineering, A. & M. College of Texas, College Station, Texas 1929

MCCAUGHEY, W. J., Professor of Mineralogy, The Ohio State University, Columbus, Ohio 1923

MCCAUSTLAND, E. J., Dean, School of Engineering, and Director Engineering Experiment Station, University of Missouri, Columbia, Mo. (*Vice President, 1921–2; Member of Council, 1916–9.*) 1902

MCCLAIN, FRED H., Associate Professor of Electrical Engineering, Iowa State College, Ames, Ia. 1921

MCCLELLAND, E. H., Technology Librarian, Carnegie Library of Pittsburgh, Pittsburgh, Pa. 1912

MCCLINTIC, H. H., President, McClintic-Marshall Construction Co., 1218 Oliver Bldg., Pittsburgh, Pa. 1910

MCCLINTOCK, WM. MCK., Assistant Professor of Mathematics, University of Minnesota, Minneapolis, Minn. 1922

MCCORMICK, ROBERT L., Professor and Head, Civil and Architectural Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929

McCullough, Erwin W., Professor of Mining Engineering, Case School of Applied Science, Cleveland, Ohio 1931
McCullough, F. M., Professor and Head, Dept. of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1910
McCully, Harry M., Professor and Head, Dept. of Drawing, Carnegie Institute of Technology, Pittsburgh, Pa. 1926
McDaniel, J. E., Professor and Director of Coöperative Courses, Georgia School of Technology, Atlanta, Ga. (*Member of Council, 1930–33.*) 1926
McDonald, Philip B., Associate Professor of English, New York University, University Heights, New York, N. Y. 1917
McGivern, James G., Instructor in Engineering Drawing, Lincoln Institute, Boston, Mass. 1930
McIlhenny, Isbell F., Assistant Professor of Electrical Engineering, Fenn College, Cleveland, Ohio 1930
McIntosh, W. R., Assistant Professor of Civil Engineering, University of Louisville, Louisville, Ky. 1927
McIntyre, Lewis W., Traffic Engineer, City of Pittsburgh (6630 Woodwell St.); Lecturer, University of Pittsburgh, Pittsburgh, Pa. 1919
McKee, James H., Associate Professor of English, Purdue University, Lafayette, Ind. 1924
McKee, Ralph H., Professor of Chemical Engineering, Columbia University, New York, N. Y. 1919
McKenry, Nell, Assistant Secretary, Society for the Promotion of Engineering Education, University of Pittsburgh, Pittsburgh, Pa. *Assistant Secretary, 1918–* 1923
McKergow, C. M., Professor of Mechanical Engineering, McGill University, Montreal, Canada. (*Member of Council, 1927–30.*) 1913
McKibben, Frank P., Consulting Engineer, Black Gap, Franklin Co., Pa. (*Vice President, 1919–20; 1925–6; Member of Council, 1912–13.*) 1904
McKinnon, John C., Assistant Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1927
McLaughlin, Donald H., Professor of Mining Engineering, Harvard University, Cambridge, Mass. 1928
McLaurin, Banks, Adjunct Professor of Civil Engineering, University of Texas, Austin, Texas 1927
McLouglin, Frederic O. X., Associate Professor of Civil Engineering, College of the City of New York, New York City..... 1927
McMaster, Allen S., Instructor in Engineering Mathematics, University of Colorado, Boulder, Colo. 1931
McMurtray, H. D., Professor of Physics, North Texas Agricultural College, Arlington, Texas 1925
McNamara, Francis T., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1929

McNeely, John K., Research Professor of Electrical Engineering, Iowa State College, Ames, Iowa 1926
Mead, D. W., Professor of Hydraulic and Sanitary Engineering, University of Wisconsin, Madison, Wis. 1908
Means, Lester H., Industrial Service Department, General Electric Co., Schenectady, N. Y. 1928
Meeker, W. H., Professor and Head, Department of Mechanical Engineering, Iowa State College, Ames, Ia. 1903
Mees, C. L., President Emeritus, Rose Polytechnic Institute, The Walden, Terre Haute, Ind. (*Member of Council, 1895–8.*) 1894
Mehrhof, Floyd E., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1923
Meikle, G. Stanley, Director, Research Relations with Industry, Purdue University, Lafayette, Ind. 1930
Merriam, Kenneth G., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. (Life Member.) 1925
Merrick, Charles M., Assistant Professor of Mechanical Engineering, Lafayette College, Easton, Pa. 1929
Merrill, George A., Director, California School of Mechanic Arts, San Francisco, Calif. 1931
Merrill, Joseph F., Commissioner of Education, L.D.S. Church, 47 E. South Temple Street, Salt Lake City, Utah 1907
Merritt, Harold W., Instructor in Physics, Cooper Union, New York City 1927
Meserve, George H., Jr., Assistant Professor of Drawing, Northeastern University, Boston, Mass. 1929
Meserve, William E., Instructor in Electrical Engineering, Cornell University, Ithaca, N. Y. 1924
Messersmith, Charles W., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1929
Metzenheim, Henry H., Assistant Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1926
Michel, Rudolph, 14 Merrymount Road, Baltimore, Md..... 1930
Mickey, Clark E., Chairman, Civil Engineering Department, University of Nebraska, Lincoln, Nebr. 1912
Middlemiss, Ross R., Assistant Professor of Mathematics, Washington University, St. Louis, Mo. 1930
Miles, Egbert J., Associate Professor of Mathematics, Yale University, New Haven, Conn. 1922
Millar, A. V., Assistant Dean, College of Engineering, Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1914
Miller, Alfred L., Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1927

MILLER, BENJAMIN L., Professor of Geology, Lehigh University, Bethlehem, Pa. 1925

MILLER, DAYTON C., Professor of Physics, Case School of Applied Science, Cleveland, O. (*Member of Council, 1914–7.*) 1907

MILLER, FORREST E., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn..... 1926

MILLER, GEORGE B., President, Cogswell Polytechnical College, 3000 Folsom Street, San Francisco, Calif. 1930

MILLER, HUGH, Professor of Civil Engineering, Union College, Schenectady, N. Y. (*Member of Council, 1923–6.*) 1909

MILLER, H. W., Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1922

MILLER, HARRY P., Instructor in Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1926

MILLER, JAMES S., Associate Professor of Electrical Engineering, University of Virginia, University, Va. 1921

MILLER, JOHN B., Instructor in Electrical Engineering, Bucknell University, Lewisburg, Pa. (119 Figueroa Drive, Pasadena, Calif.) 1930

MILLER, JOHN M., Instructor in Engineering Drawing, Rice Institute, Houston, Texas 1930

MILLER, WILLIAM J., Dean of Engineering and Professor of Electrical Engineering, Texas Technological College, Lubbock, Texas 1923

MILLER, WILLIAM T., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind..... 1930

MILLINGTON, HOWARD G., Assistant Professor of Mathematics, University of Vermont, Burlington, Vt. 1929

MILLS, GEORGE H., Assistant Professor of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio 1926

MILLS, JOHN, Director of Publication, Bell Telephone Laboratories, Inc., 463 West St., New York City 1921

MILTON, TALIAFERRO, Manager, Chicago Branch, Electric Storage Battery Co., 140 S. Dearborn Street, Chicago, Ill. 1925

MING, FREDERICK W., Assistant Professor of Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1918

MINSHALL, ROBERT E., Associate Professor of Structural Engineering, The Pennsylvania State College, State College, Pa... 1921

MITCHELL, ALVA, Professor and Head, Dept. of Drawing, A. and M. College of Texas, College Station, Texas 1926

MITCHELL, C. H., Dean, Faculty of Applied Science and Engineering, University of Toronto, Toronto, Ont. (*Member of Council, 1925–8.*) 1925

MITCHELL, GROVER I., Professor of Mechanical Engineering, Grove City College, Grove City, Pa. 1918

MITCHELL, LOUIS, Dean and Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1913
MITCHELL, WILLIAM A., Professor of Engineering, United States Military Academy, West Point, N. Y. 1930
MOCK, CLIFTON O., Instructor in Engineering Drawing, University of Kentucky, Lexington, Ky. 1929
MOCKMORE, CHARLES A., Associate Professor of Civil Engineering, Oregon State College, Corvallis, Ore. 1927
MOFFAT, GEORGE N., Assistant Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio 1925
MONTILLON, GEORGE H., Associate Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1925
MONTONNA, RALPH E., Associate Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1925
MOODY, HOWARD W., Dean, College of Engineering, Valparaiso University, Valparaiso, Ind. 1925
MOODY, LEWIS F., Professor of Hydraulic Engineering, Princeton University, Princeton, N. J. 1912
MOORE, ARTHUR D., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1926
MOORE, EARL R., Instructor in Mechanical Engineering, Connecticut Agricultural College, Storrs, Conn. 1930
MOORE, G. ROLAND, Consulting Civil Engineer, Manasquan, N. J. 1927
MOORE, H: F., Research Professor of Engineering Materials, University of Illinois, Urbana, Ill. 1905
MOOTS, ELMER E., Chairman, Mathematics and Engineering, Cornell College, Mount Vernon, Iowa 1927
MORE, CHAS. C., Professor of Structural Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1919–22.*) 1901
MORECROFT, J. H., Professor of Electrical Engineering, Columbia University, New York, N. Y. 1908
MOREY, CHARLES W., President, Chicago Technical College, 118 E. 26th Street, Chicago, Ill. 1925
MORGAN, ARTHUR E., President, Dayton Morgan Engineering Co., Dayton; President, Antioch College, Yellow Springs, O..... 1921
MORGAN, JEROME J., Associate Professor of Chemical Engineering, Columbia University, New York City 1925
MORGAN, JESSE R., Dean of the Faculty, Professor of Languages, Colorado School of Mines, Golden, Colo. 1927
MORGAN, NEWLIN D., Associate Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1926
MORGAN, THEODORE H., Professor and Head, Dept. of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1927
MORLEY, GEORGE A., Assistant Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1926

MORLEY, RAYMOND K., Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1922
MORRIS, CLYDE T., Professor of Civil Engineering, The Ohio State University, Columbus, O. 1907
MORRIS, HERBERT M., General Employment and Safety Supervisor, Bell Telephone Company of Canada, Toronto, Ont. 1930
MORRISON, IBRAHIM F., Professor of Applied Mechanics, University of Alberta, Edmonton, Alta, Canada 1912
MORRISON, ROGER L., Professor of Highway Engineering and Highway Transport, University of Michigan, Ann Arbor, Mich... 1925
MORSE, FREDERICK T., Assistant Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1927
MORSE, JAMES L., Engineer, Dorr Company, 1237 Marion Street, Denver, Colo. 1910
MORSE, REED F., Instructor in Civil Engineering, Kansas State College, Manhattan, Kansas 1929
MOSS, EVERETT, President, Simplex Wire and Cable Co., 115 Commonwealth Avenue, Boston, Mass. 1910
MORTON, ROSCOE W., Professor of Mechanical Engineering, Colorado School of Mines, Golden, Colo 1929
MOSER, CHAS., Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1918
MOSS, SANFORD A., Research Engineer, Thomson Laboratory, General Electric Co., West Lynn, Mass. 1911
MOTA, CANDELARIO C., Associate Professor of Civil Engineering, University of Porto Rico, Mayaguez, P. R. 1925
MOTT, WILLIAM E., Director, College of Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. (*Member of Council, 1917–20.*) 1907
MOYER, JAMES A., Director, Division of University Extension, Massachusetts Department of Education, Boston, Mass. 1904
MOYER, RALPH A., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa 1929
MUELLER, G. V., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1926
MULLIGAN, JAMES E., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass... 1929
MUNCY, VICTOR E., c/o Mrs. A. H. Moore, Ashland, Ky. (Ohio Mechanics Institute). 1926
MUNRO, GEORGE W., Professor of Thermodynamics, Purdue University, Lafayette, Ind. 1915
MUNRO, MELVILLE S., Assistant Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1914
MUNRO, RONALD J., Instructor in Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1928

MUNROE, H. S., Emeritus Professor of Mining, Columbia University, Litchfield, Conn. (*President, 1909–10; Member of Council, 1905–.*) 1893

MURAT, SALIH, Professor of Physics, Robert College, and Turkish Engineering School, Istambul, Turkey 1930

MURDOUGH, J. H., Professor of Civil Engineering, Texas Technological College, Lubbock, Texas 1926

MURPHY, GLENN, Special Research Graduate Assistant in Civil Engineering, University of Illinois, Urbana, Ill. 1929

MURPHY, LINDON J., Assistant Professor of Engineering Extension Service, Iowa State College, Ames, Iowa 1930

MURRAY, DANIEL A., Emeritus, Professor of Mathematics, McGill University, 3653 University St., Montreal, Canada 1910

MURRIE, J. L. 1915

MYERS, HOWARD D., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922

NAETER, ALBRECHT, Professor and Head, Department of Electrical Engineering, Oklahoma A. & M. College, Stillwater, Okla.... 1924

NAGLER, FLOYD A., Professor of Hydraulic Engineering, University of Iowa, Iowa City, Ia. 1921

NASH, C. A., Associate Professor of Electrical Engineering, Armour Institute of Technology, Chicago, Ill. 1913

NASH, PHILLIP C., Director, League of Nations Association, 6 East 39th Street, New York, N. Y. 1921

NAVAS, J. M., Escuela Central de Ingenieros Industriales, Po del Prado, 28, Madrid, Spain 1925

NEAL, JESSE H., Assistant Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1927

NEEDY, JOHN A., Dean of Engineering, Ohio Northern University, Ada, Ohio. 1919

NEFF, FRANK H., Professor of Civil Engineering, Case School of Applied Science, Cleveland, O. 1895

NEITZERT, CARL, Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1931

NELSON, DELMAR W., Assistant Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1929

NELSON, J. R., Professor of English, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1918–21.*) 1914

NELSON, W. K., Associate Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1923

NELSON, WENDELL M., Executive Assistant, Industrial Relations Dept., General Electric Co., Schenectady, N. Y. 1924

NELSON, WILLIAM P., Director, College Relations, New England T. & T. Co., 141 Milk Street, Boston, Mass. 1931

NESBITT, RICHARD E., Instructor in Foundry Practice, Pratt Institute, Brooklyn, N. Y. 1930

NESBITT, RUSSELL B., Assistant Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1925

NETTLETON, ERNEST B., Assistant Professor of Drawing and Descriptive Geometry, Carnegie Institute of Technology, Pittsburgh, Pa. 1930

NEWCOMB, JOHN L., Professor of Civil Engineering, Acting President, University of Virginia, University, Va. 1915

NEWELL, HOBART H., Assistant Professor of Experimental Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925

NEWKIRK, BURT L., In charge of Mechanics Section, Research Engineer, General Electric Co., Schenectady, N. Y. 1908

NEWMAN, ALBERT B., Professor of Chemical Engineering, Cooper Union, New York City 1929

NEWMAN, C. M., Professor of English, Virginia Polytechnic Institute, Blacksburg, Va. 1917

NEWMAN, DERWOOD A., Instructor in Chemistry, Northeastern University, Boston, Mass. 1926

NEWTON, GUY D., Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1913

NEWTON, ROGER H., Instructor in Chemical Engineering, Yale University, New Haven, Conn. 1931

NICHOLS, BEN H., Instructor in Electrical Engineering, Oregon State College, Corwallis, Ore. 1930

NICHOLS, JOSEPH C., Dean, Engineering College, Fenn College, 2200 Prospect Avenue, Cleveland, Ohio 1929

NICHOLS, MAURICE E., Associate Dean of Engineering, Fenn College, Cleveland, Ohio 1930

NICHOLSON, HUGH P., Instructor in Mining Engineering, University of Illinois, Urbana, Ill. 1929

NIELSEN, PAUL E., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1928

NIGHTINGALE, WINTHROP E., Director of Coöperative Work, Northeastern University, Boston, Mass. 1925

NIMS, ALBERT A., Associate Professor of Electrical Engineering, College of Engineering, Newark, N. J. 1928

NINDE, GEORGE F., Instructor in Engineering Drawing, Harvard Engineering School, Cambridge, Mass. 1928

NOBLE, PHILIP M., Instructor in Applied Mechanics, Kansas State College, Manhattan, Kans. 1931

NOLD, H. E., Professor of Mine Engineering, The Ohio State University, Columbus, O. 1916

NOLLAU, LOUIS E., Professor and Head, Department of Drawing, University of Kentucky, Lexington, Ky. 1928

NORCROSS, AUSTIN S., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1931

NORDENHOLT, GEORGE F., Associate Editor, *Product Engineering*, McGraw-Hill Publishing Co., 10th Avenue at 36th Street, New York, N. Y. 1931

NORMAN, CARL A., Professor of Machine Design, The Ohio State University, Columbus, O. 1918

NORMAN, ROY A., Professor of Mechanical Engineering, Iowa State College, Ames, Iowa .....

NORRIS, EARLE B., Dean of Engineering, Virginia Polytechnic Institute, Blacksburg, Va. (*Member of Council, 1924–7.*) 1907

NORRIS, FERRIS W., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1925

NORRIS, H. H., Educational Advisor, Boston Elevated Railway, 16 Sheffield West, Winchester, Mass. (*Secretary, 1909–14; Vice President, 1914–5.*) 1900

NORTON, ARTHUR E., Professor of Applied Mechanics, Harvard University, Cambridge, Mass. (*Member of Council, 1931–4.*) 1910

NORTON, CHARLES L., Head, Department of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1908

NORTON, PAUL T. JR., Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1926

NORTON, PAUL W., Assistant Professor of Architecture, Massachusetts Institute of Technology, Cambridge, Mass. 1926

NUDD, WILLARD E., Assistant Professor of Engineering Drawing, Case School of Applied Science, Cleveland, O. 1923

NYGARD, ERIC, 1618 Walnut St., Allentown, Pa. 1927

NYSWANDER, R. E., Professor of Physics and Director, School of Electrical Engineering, University of Denver, Denver, Colo. 1912

O'BANION, ALBERT L., 36 Hardy Ave., Watertown, N. Y. 1928

O'BANNON, LESTER S., Professor of Heat Engineering, University of Kentucky, Lexington, Ky. 1929

O'BRIEN, A. V., Superintendent, Manufacturers Laboratory, State University of Iowa, Iowa City, Iowa 1923

O'BRIEN, MORROUGH P., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1931

O'CONNELL, DANIEL J., Professor of Civil Engineering, Manhattan College, New York, N. Y. 1931

O'CONNOR, JOHNSON, Director, Human Engineering Laboratory, Stevens Institute of Technology, Hoboken, N. J. 1931

OGBURN, S. CICERO, JR., Professor and Head, Department of Chemical Engineering, Bucknell University, Lewisburg, Pa. 1928

OGLESBY, EARNEST J., Professor of Engineering Mathematics, University of Virginia, University, Va. 1931

O'HARA, CLEOPHAS C., President and Professor of Geology, South Dakota State School of Mines, Rapid City, S. D. 1925

OHLE, ERNEST L., Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1905

OLIVER, WILLIAM A., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1928
OLMSTED, CHARLES T., Assistant Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1929
OLSEN, JOHN C., Professor of Chemical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1930
OLSEN, TINIUS, Retired President, Tinius Olsen Testing Machine Co., 500 N. 12th St., Philadelphia, Pa. 1907
OLSON, OSCAR A., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Ia. 1915
OSBECK, MARTIN J., Principal Assistant Engineer, Holland, Ackerman and Holland, 106 E. Liberty St., Ann Arbor, Mich. 1920
O'ROURKE, EDWARD V., Assistant Professor of Mine Engineering, The Ohio State University, Columbus, Ohio 1929
ORR, JOSEPH A., Assistant Professor of Civil Engineering, A. & M. College of Texas, College Station, Texas 1929
ORTH, H. D., Head, Dept. of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1910
OSBORNE, L. A., President, Westinghouse Electric International Co., 165 Broadway, New York, N. Y. 1911
O'SHAUGHNESSY, LOUIS, Professor of Applied Mathematics, Virginia Polytechnic Institute, Blacksburg, Va. 1912
OSTRANDER, J. E., Professor of Mathematics and Civil Engineering, Massachusetts Agricultural College, Amherst, Mass..... 1894
OTHUS, JAMES C., Assistant Professor of Mechanics and Materials, Oregon State College, Corvallis, Ore. 1928
OTT, PERCY W., Associate Professor of Mechanics, The Ohio State University, Columbus, Ohio 1925
OTTER, JOHN V., Instructor in Engineering Drawing, The Ohio State University, Columbus, Ohio 1929
OWEN, RAY S., Associate Professor of Topographic Engineering, University of Wisconsin, Madison, Wis. 1925
OWENS, FREDERICK W., Professor and Head, Dept. of Mathematics, The Pennsylvania State College, State College, Pa. 1926
OWENS, HERBERT D., Instructor in Physics, University of Michigan, Ann Arbor, Mich. 1927
PADDOCK, RUSSELL G., Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1931
PAINE, ELLERY B., Professor and Head, Dept. of Electrical Engineering, University of Illinois, Urbana, Ill. 1911
PALMER, C. E., Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1928
PALMER, HERALD K., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1930
PALMER, IRVING A., Professor of Metallurgy, Colorado School of Mines, Golden, Colo. 1926

PALSGROVE, GRANT K., Professor of Hydraulic Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1918

PANGBORN, REDMOND J., Instructor in Electrical Engineering, University of Idaho, Moscow, Idaho 1931

PARK, C. F., Professor of Mechanism, Director of the Mechanical Laboratories, Director of Lowell Institute School for Industrial Foremen, Massachusetts Institute of Technology, Cambridge, Mass. 1903

PARK, C. W., Professor of English, College of Engineering and Commerce, University of Cincinnati, Cincinnati, O. 1915

PARK, JOHN C., Assistant Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1931

PARKER, ERI B., Assistant Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1926

PARKER, J. C., Vice President in charge of Engineering, Brooklyn Edison Co., Inc., 380 Pearl St., Brooklyn, N. Y. 1916

PARKER, WALTER H., Professor of Mining, University of Minnesota, Minneapolis, Minn. 1925

PARR, BERNARD F., Instructor in Mechanical Engineering, University of Maine, Orono, Maine 1931

PATTEN, W. E., Civil Engineer, 401 Conklin Avenue, Binghamton, N. Y. 1915

PATTERSON, L. L., Dean of Engineering, Professor of Electrical Engineering, Mississippi A. & M. College, A. & M. College, Miss. 1915

PAUL, C. E., Professor of Mechanics, Armour Institute of Technology, Chicago, Ill. 1907

PAUSTIAN, RAYMOND G., Instructor in Civil Engineering, Iowa State College, Ames, Iowa 1930

PAYROW, HARRY G., Assistant Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1930

PEARCE, C. E., Assistant Professor of Applied Mechanics and Machine Design, Kansas State College, Manhattan, Kans. 1917

PEARSON, H. G., Professor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1923

PEARSON, R. A., President, University of Maryland, College Park, Md. 1914

PECK, JOHN S., Assistant Engineer of Tests, College of City of New York, N. Y. 1931

PEDDLE, JOHN B., Professor of Machine Design, Rose Polytechnic Institute, Terre Haute, Ind. 1929

PEEBLES, JAMES C., Professor of Experimental Engineering, Armour Institute of Technology, Chicago, Ill. 1927

PEET, J. C., Professor of Electrical Engineering, College of Engineering, Newark, N. J. 1923

PEFFER, H. C., Head, Dept. of Chemical Engineering, Purdue University, Lafayette, Ind. 1924

PEGRAM, GEORGE B., Professor of Physics, Columbia University, New York, N. Y. (*President, 1925–6; Vice President, 1924–5; Member of Council, 1924–.*) 1918

PENCE, W. D., Consulting Engineer, Room 1947, 120 South La Salle Street, Chicago, Ill. 1895

PENDER, HAROLD, Dean, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1924–7.*) 1909

PENN, JOHN C., Dean of Engineering, Armour Institute of Technology, Chicago, Ill. 1915

PENNOCK, GEORGE A., Assistant Works Manager, Western Electric Company, Inc., Chicago, Ill. 1929

PERKINS, DONALD L., Assistant Professor and Head, Dept. of Mechanical Engineering, College of City of Detroit, 15507 Ohio Avenue, Detroit, Mich. 1930

PERRY, F. GARDINER, Director of Research, Babson Statistical Organization, 119 Brook Street, Wellesley Hills, Mass. 1924

PERRY, JOHN E., Assistant Professor of Railroad Engineering, Cornell University, Ithaca, N. Y. 1922

PERRY, LYNN, Assistant Professor of Civil Engineering, Lafayette College, Easton, Pa. 1923

PERRY, ROBERT V., Professor of Machine Design, Director, Evening Classes, Armour Institute of Technology, Chicago, Ill..... 1926

PERRYMAN, C. C., Instructor in Engineering Drawing, Texas Technological College, Lubbock, Texas 1929

PETTEE, C. H., Dean, University of New Hampshire, Durham, N. H. 1898

PETTENGILL, TRUE E., Assistant Registrar, University of Minnesota, Minneapolis, Minn. 1927

PETERSON, F. G., Instructor in Civil Engineering, Duluth Junior College, Duluth, Minn. 1929

PETTY, BENJAMIN H., Professor of Highway Engineering, Purdue University, Lafayette, Ind. 1925

PEURIFOY, ROBERT L., Director of Engineering, Professor of Civil Engineering, Texas College of Arts and Industries, Kingsville, Texas 1931

PFEIF, G. H., Director of Industrial Relations, General Electric Co., Schenectady, N. Y. 1918

PHELPS, GUY M., Associate Professor of Descriptive Geometry and Drawing, Rensselaer Polytechnic Institute, Troy, N. Y..... 1925

PHELPS, HOWARD E., Professor of Highway Engineering, State College of Washington, Pullman, Wash. 1924

PHILBRICK, HERBERT S., Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1913

PHILLIPS, JOHN B., Lecturer in Chemical Engineering, McGill University, 4345 Harvard Avenue, Montreal, Canada..... 1931
PHILLIPS, MARK C., Associate Professor of Mechanical Engineering, Oregon State Agricultural College, Corvallis, Ore..... 1929
PICKETT, GERALD, Instructor in Applied Mechanics, Kansas State College, Manhattan, Kansas 1929
PIERCE, CLARENCE A., Assistant Professor of Theoretical Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925
PINNEY, JAMES C., Consulting Engineer, Box 382, Fort Myers, Fla. 1919
PIPER, FRED. F., Professor of Physics, Clarkson College of Technology, Potsdam, N. Y. 1915
PLANK, WILLIAM B., Head, Dept. of Mining Engineering, Lafayette College, Easton, Pa. 1921
PLANT, L. C., Professor and Head of the Department of Mathematics, Michigan State College, East Lansing, Mich. 1913
PLUMMER, FRED L., Associate Professor of Structural Engineering, Case School of Applied Science, Cleveland, Ohio 1930
PLUMMER, FREDERICK B., Chairman, Department of Petroleum Production Engineering, University of Texas, Austin, Texas. 1931
POLLAY, FRANK J., Professor of History and Economics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1926
POND, FRANCIS J., Professor of Chemistry, Stevens Institute of Technology, Hoboken, N. J. 1912
POND, M. A., Assistant Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1923
POOLE, FRED L., Associate Professor of Electrical Engineering, Colorado State Agricultural College, Fort Collins, Colo. 1929
POORMAN, A. P., Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1907
PORSCH, JOHN H., Instructor in Engineering Drawing and Descriptive Geometry, Purdue University, Lafayette, Ind..... 1929
PORTER, DAVID B., Associate Professor of Industrial Engineering, New York University, New York City 1923
PORTER, DWIGHT, Professor Emeritus, Massachusetts Institute of Technology; 149 Hawthorne St., Malden, Mass. 1893
PORTER, FRANCIS M., Assistant Professor of Engineering Drawing, University of Illinois, Urbana, Ill. 1912
PORTER, J. F., President, Kansas City Power & Light Co., Kansas City, Mo. 1912
PORTER, R. A., Professor of Physics, Syracuse University, Syracuse, N. Y. 1908
PORTER, ROLAND G., Associate Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1926

POTTER, A. A., Dean, Schools of Engineering, Director, Engineering Experiment Station, Purdue University, Lafayette, Ind. (*President, 1924–5; Vice President, 1919–20; Member of Council, 1916–19; 1924–.*) 1908

POTTER, ORRIN W., Assistant Professor of Engineering Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1925

POTTS, CLYDE, Civil and Sanitary Engineer, 30 Church St., New York City 1922

POUND, JOSEPH H., Professor of Mechanical Engineering, Rice Institute, Houston, Tex. 1916

POWELL, ALBERT P., Instructor in Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926

POWELL, RALPH W., Assistant Professor of Mechanics, The Ohio State University, Columbus, Ohio 1922

PRAGEMAN, IRVING H., Assistant Professor of Mechanical Engineering, University of Maine, Orono, Maine 1923

PRATT, CHARLES, Secretary, Board of Trustees, Pratt Institute, Brooklyn; 950 Park Avenue, New York, N. Y. 1929

PRENTICE, DONALD B., President, Rose Polytechnic Institute, Terre Haute, Ind. (*Member of Council, 1927–30.*) 1912

PRICE, HAROLD W., Professor of Electrical Engineering, University of Toronto, Toronto, Ont., Canada 1924

PRICE, JOHN R., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1926

PRICE, LEONARD C., Research Associate Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark..... 1931

PRIESTER, GEORGE C. Professor of Materials of Engineering, University of Minnesota, Minneapolis, Minn. 1920

PRIOR, JOHN A., Assistant Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1923

PRIOR, JOHN C., Professor of Civil Engineering, The Ohio State University, Columbus, Ohio 1926

PRITCHARD, SAMUEL R., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1914

PUCHSTEIN, ALBERT F., Development Engineer, Robbins & Myers Co., Springfield, Ohio 1928

PUERNER, RUSSELL E., Assistant Professor of Machine Design, University of Wisconsin, Madison, Wis. 1928

PUFFER, LOUIS B., Associate Professor of Civil Engineering, University of Vermont, Burlington, Vt. 1922

PULLEN, M. W., Associate in Electrical Engineering, Johns Hopkins University, Baltimore, Md. 1909

PULVER, HARRY E., Professor of Civil and Structural Engineering, University of Wisconsin, Madison, Wis. 1929

PUMPHREY, FRED H., Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1928
PUPIN, MICHAEL I., Professor of Physics, Columbia University, New York City 1927
PURCELL, CLARENCE G., Petroleum Engineer, Standard Oil Co. (Ind.), 618 Kirk Ave., Casper, Wyo. 1931
PURDIE, K. S., Associate Professor of Mathematics, Virginia Military Institute, Lexington, Va. 1927
PURYEAR, CHARLES, Dean and Professor of Mathematics, Texas A. and M. College, College Station, Texas 1901
PUTNAM, RUSSELL C., Assistant Professor of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio..... 1927
PYLE, HUGH G., Instructor in Engineering Extension, The Pennsylvania State College, State College, Pa. 1928
QUIER, KENNETH E., Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1929
QUIGLEY, LEON V., Technical Editor, Bakelite Corp., 5 Prospect Avenue, New York City 1927
QUINLAN, ROBERT E., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1931
RABER, B. F., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1915
RADER, LLOYD F., Assistant Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925
RAGATZ, ROLAND A., Assistant Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1927
RAMSAY, JOSEPH W., Associate Professor of Electrical Engineering, University of Texas, Austin, Texas 1931
RANDALL, JOHN A., President, Rochester Athenaeum and Mechanics Institute, Rochester, N. Y. 1911
RANDOLPH, JAMES R., Professor of Mechanical Engineering, Rhode Island State College, Kingston, R. I. 1925
RAPPEL, U. J., Professor of Electrical Engineering, University of Dayton, Dayton, O. 1919
RASCHE, WILLIAM H., Professor of Mechanism, Virginia Polytechnic Institute, Blacksburg, Va. 1931
RATHBUN, JOHN C., Associate Professor of Civil Engineering, College of the City of New York, N. Y. 1925
RAUB, LEO G., Professor of Physics, New River State School, Montgomery, W. Va. 1926
RAW, RUTH M., Instructor in English, University of Akron, Akron, Ohio 1931
RAUTENSTRAUCH, WALTER, Professor of Industrial Engineering, Columbia University, New York, N. Y. 1931
RAYL, F. V., Instructor in Physics, Washington High School, Sioux Falls, S. D. 1929

RAYMOND, ALLAN T., Instructor in Engineering Drawing, University of Missouri, Columbia, Mo. 1927
RAYMOND, F. N., Professor of English, University of Kansas, Lawrence, Kans. 1910
RAYMOND, HOWARD M., President, Armour Institute of Technology, Chicago, Ill. 1903
RAYMOND, WILLIAM R., Professor of English, Iowa State College, Ames, Ia. 1922
RAYNER, WM. H., Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1913
REBER, LOUIS E., % National City Bank, 51, Blvd. and Haussman, Paris, France. (*Member of Council, 1901–7.*) 1893
REED, JOHN C., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1929
REED, K. W., Consulting Engineer, 1839 Wymore Road, East Cleveland, Ohio 1915
REED, PERCY L., Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1914
REEN, CALVIN G., Assistant Professor of Civil Engineering, Gettysburg College, Gettysburg, Pa. 1924
REES, ROBERT I., Assistant Vice President, American T. & T. Company, 195 Broadway, New York City. (*President, 1928–29; Member of Council, 1925–8; 1929–.*) 1924
REEVES, EDWARD H., Associate, Division of Municipal and Industrial Research, Massachusetts Institute of Technology, Cambridge, Mass. 1928
REINSCH, BERNHARD P., Professor and Head, Department of Mathematics, Southern Methodist University, Dallas, Texas...1931
REMICK, B. L., Professor of Mathematics, Kansas State College, Manhattan, Kans. 1915
RETTGER, ERNEST W., Professor of Applied Mechanics, Cornell University, Ithaca, N. Y. 1927
REULING, WALTER E., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1929
REW, IRWIN, Trusteee of Northwestern University, 217 Dempster St., Evanston, Ill. 1913
REYNOLDS, EDWARD E., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1931
REYNOLDS, JAMES A., Assistant Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1922
REYNOLDS, JOSEPH B., Professor of Mathematics and Theoretical Mechanics, Lehigh University, Bethlehem, Pa. 1920
RHOADS, ROBERT L., Dean of Engineering, University of Wyoming, Laramie, Wyo. 1925
RHODES, LELAND S., Associate Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1925

RHODES, SAM R., Professor and Head, Division of Electrical Engineering, Clemson Agricultural College, Clemson College, S. C. 1927

RHODES, WALTER K., Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1925

RICE, ANDREW C., Instructor in Chemical Technology, Pratt Institute, Brooklyn, N. Y. 1931

RICE, HARRIS, Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1919

RICE, H. A., Professor and Head, Dept. of Civil Engineering, University of Kansas, Lawrence, Kans. 1915

RICE, PHILIP X., Assistant Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1931

RICE, RICHARD B., Associate Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1931

RICHARDS, CHARLES RUSS, President, Lehigh University, Bethlehem, Pa. (*Vice President, 1914–5; Member of Council, 1910–3.*) 1895

RICHARDSON, DONALD E., Assistant Professor of Electrical Measurements, Armour Institute of Technology, Chicago, Ill. 1929

RICHARDSON, M. R. 1910

RICHEY, JOHN J., Professor of Civil Engineering, A. & M. College of Texas, College Station, Tex. (*Member of Council, 1926–9.*) 1910

RICHMOND, ADDISON E., Instructor in Civil Engineering, Howard University, Washington, D. C. 1931

RICHMOND, ALLEN P., Assistant to Secretary, A. S. C. E., 29 West 39th St., New York City 1927

RICHMOND, RUSSELL F., Assistant Testing Engineer, University of Nebraska, Lincoln, Nebr. 1926

RICKER, CLAIRE W., Professor of Electrical Engineering, Tulane University, New Orleans, La. 1921

RICHTER, A. W., President, Price Mfg. Co., Yakima, Wash. 1894

RICKLEY, OSCAR D., Assistant Professor of Industrial Engineering, Ohio State University, Columbus, Ohio 1929

RIDD, STANLEY J., Assistant to General Manager, American Creosoting Company, Louisville, Ky. 1928

RIETZ, HENRY LEWIS, Professor and Head of Department of Mathematics, The State University of Iowa, Iowa City, La. .. 1919

RIGGS, H. E., Honorary Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1913

RIGGS, NORMAN C., Professor of Applied Mechanics, Carnegie Institute of Technology, Pittsburgh, Pa. (*Member of Council, 1929–32.*) 1907

RISING, JUSTUS, Associate Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1926

RITTENHOUSE, L. H., Professor of Electrical Engineering, in charge of Engineering, Haverford College, Haverford, Pa. 1906

RITTMAN, WALTER F., Professor and Head, Dept. of Commercial Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1924

ROARK, RAYMOND J., Associate Professor of Mechanics, University of Wisconsin, Madison, Wis. 1919

ROBB, ROBERT E., Director of Student Personnel and Coördination, General Motors Institute, Flint, Mich. 1927

ROBB, WM. L., Head Department of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

ROBBINS, ARTHUR G., Professor of Topographical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1894

ROBERT, JAMES M., Professor of Machine Design, Tulane University, New Orleans, La. 1922

ROBERT, JULES H., Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1926

ROBERTS, CHARLES P., Assistant Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio 1926

ROBERTS, EMERSON B., Educational Dept., Westinghouse E. & M. Co., East Pittsburgh, Pa. 1919

ROBERTS, JEAN M., Assistant Professor of Electrical Engineering, University of Louisville, Louisville, Ky. 1930

ROBERTS, MILNOR, Dean of the College of Mines, and Professor of Mining Engineering, University of Washington, Seattle, Wash. 1910

ROBERTSON, BURTON J., Associate Professor of Internal Combustion Engines, University of Minnesota, Minneapolis, Minn. 1922

ROBERTSON, BURTON L., Assistant Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa..... 1930

ROBINSON, GORDON D., Associate Professor of Electrical Engineering and Physics, U. S. Naval Academy, Annapolis, Md. 1929

ROBINSON, LESLIE L., Instructor in Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1931

ROBINSON, MAX B., Director of Training and Technical Employment, Cincinnati Milling Machine Company, Cincinnati, Ohio 1915

ROCKWELL, EDWARD H., Simon Cameron Long Professor of Civil Engineering and Director of Department, Lafayette College, Easton, Pa. (*Member of Council, 1919–22.*) 1907

RODHOUSE, T. J., Professor of Hydraulic Engineering, University of Missouri, Columbia, Mo. 1904

RODMAN, WALTER S., Professor of Electrical Engineering, Acting Dean, University of Virginia, University, Va. (*Vice President, 1926–7; Member of Council, 1919–22.*) 1915

ROE, HARRY B., Professor of Agricultural Engineering, in charge of Reclamation Activities, University of Minnesota, University Farm, St. Paul, Minn. 1925

ROE, JOSEPH W., Professor of Industrial Engineering, New York University, New York City 1908
ROEHRIG, GEORGE F., Assistant Professor of Civil Engineering, Lafayette College, Easton, Pa. 1926
ROEMMELE, HERBERT F., Instructor in Mechanical Engineering, Cooper Union, New York City 1927
ROESCH, DANIEL, Professor of Automotive Engineering, Armour Institute of Technology, Chicago, Ill. 1922
ROGERS, ALLEN, Head, Dept. of Chemical Engineering, Pratt Institute, Brooklyn, N. Y. 1926
ROGERS, CHARLES E., Professor of Civil Engineering, Trinity College, Hartford, Conn. 1917
ROGERS, H. S., Dean, School of Engineering, Director, Engineering Experiment Station, Oregon State Agricultural College, Corvallis, Ore. (*Member of Council, 1928–31.*) 1922
ROLLINS, EDWIN B., Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1912
ROLOFF, WALTER E., Professor of Economics, Colorado School of Mines, Golden, Colo. 1930
ROOD, JAS. T., Dean of Engineering, New Mexico College of A. and M. Arts, State College, N. M. 1927
ROOT, RALPH E., Professor of Mathematics and Mechanics, Postgraduate School, U. S. Naval Academy, Annapolis, Md. 1914
RORTY, M. C., Old Sprout Farm, Lusby, Calvert Co., Md. 1912
ROSE, FRANKLIN O., Instructor in Engineering and Mathematics, Modesto Junior College, Modesto, Calif. 1928
ROSEBRUGH, T. R., Professor of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada 1896
ROSING, ANTON S., Editor, *The Taxpayer*, 1315 S. Main St., Middletown, Ohio 1911
ROSS, DAVID E., Chairman, Board of Trustees, Purdue University, Ross Building, Lafayette, Ind. 1931
ROSS, JOHN A., Junior Dean of Administration, Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1926
ROSSELL, HENRY E., Professor of Naval Construction, Massachusetts Institute of Technology, Cambridge, Mass. 1929
ROSSMASSLER, CARL, Professor of Machine Design and Mechanical Drawing, Cooper Union, New York City 1925
ROTERS, HERBERT C., Assistant Professor of Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1928
ROWE, JOSEPH E., President, Clarkson College of Technology, Potsdam, N. Y. 1928
ROWELL, L. D., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1910

ROWLEY, F. B., Professor of Mechanical Engineering; Director, Experimental Engineering Laboratories, University of Minnesota, Minneapolis, Minn. 1910

ROYS, CARL S., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1925

ROYS, FRANCIS W., Professor and Head, Dept. of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. .. 1925

RUBENKOENIG, HARRY, Professor of Railway Mechanical Engineering, Purdue University, Lafayette, Ind. 1920

RUBEY, HARRY, Chairman, Civil Engineering Dept., University of Missouri, Columbia, Mo. 1917

RUGG, W. S., Vice President in charge of Engineering, Westinghouse E. and M. Co., East Pittsburgh, Pa. 1926

RUGGLES, L. L., Supervisor of Personnel Training, Automatic Electric, Inc., 1033 West Van Buren Street, Chicago, Ill.....1931

RUGGLES, SYDNEY L., Resident Engineer, State Highway Department, Bellows Falls, Vt. 1931

RUNNING, THEODORE R., Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 1918

RUSH, HARRY S., Professor of Electrical Engineering, North Dakota Agricultural College, Fargo, N. D. 1919

RUSS, JOHN M., Associate Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio 1924

RUSSELL, CHESTER, Instructor in Electrical Engineering, University of New Mexico, Albuquerque, N. M. 1930

RUSSELL, FRANK A., Professor of Railway Engineering, University of Kansas, Lawrence, Kans. 1922

RUSSELL, WALTER B., Director, Franklin Union, Boston, Mass. (*Member of Council, 1907–10.*) 1903

RYAN, HARRIS J., Professor of Electrical Engineering, Stanford University, Stanford University, Calif. 1901

RYAN, JAMES J., Assistant Professor of Machine Design, University of Minnesota, Minneapolis, Minn. 1931

RYAN, WILLIAM T., Professor of Electric Power Engineering, University of Minnesota, Minneapolis, Minn. 1911

RYON, LEWIS B., JR., Professor of Civil Engineering, Rice Institute, Houston, Texas 1925

SABBAGH, ELIAS M., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1930

SACKETT, R. L., Dean, School of Engineering, Director, Engineering Experiment Station and of Engineering Extension, Pennsylvania State College, State College, Pa. (*Member of Council 1897–00; 1927–; President, 1927–8.*) 1923

SADLER, HERBERT C., Dean, College of Engineering and Architecture, University of Michigan, Ann Arbor, Mich. 1907

SADLER, WALTER C., Associate Professor of Railroad Engineering, University of Michigan, Ann Arbor, Mich. 1925
SADOWSKY, MICHAEL A., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1931
SAHAG, LEON M., Associate Professor of Machine Design, Alabama Polytechnic Institute, Auburn, Ala. 1927
SAILER, LESTER R., Instructor in Electrical Engineering, Columbia University, New York, N. Y. 1931
SALATHE, ALBERT, Associate Professor of Chemical Engineering, Syracuse University, Syracuse, N. Y. 1929
SALMA, EMANUEL A., Instructor in Mechanical Engineering, Cooper Union, New York, N. Y. 1930
SALZER, GEORGE W., Professor of Descriptive Geometry and Technical Drawing, Colorado School of Mines, Golden, Colo. 1929
SANDERS, WILLIAM B., Associate Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1922
SANTO, J. H., Dean, Ely Junior College, Ely, Minn. 1926
SARASON, SAMUEL D., Professor of Civil Engineering, L. C. Smith College of Applied Science, Syracuse University, N. Y. 1918
SAUERS, JOHN A., Assistant Professor of Mechanical Engineering Design, Purdue University, Lafayette, Ind. 1921
SAVANT, D. P., Professor of Electrical Engineering, Georgia School of Technology, Atlanta, Ga. 1917
SAVILLE, THORNDIKE, Professor of Hydraulic and Sanitary Engineering, University of North Carolina, Chapel Hill, N. C. 1915
SAWYER, RALPH A., Instructor in Drawing, University of Maine, Orono, Maine 1931
SAXTON, REN G., Professor and Head, Dept. of Civil Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1925
SAYRE, MORTIMER F., Associate Professor of Applied Mechanics, Union College, Schenectady, N. Y. 1917
SCAMMAN, WILLIAM F., Assistant Professor of English, University of Maine, Orono, Me. 1927
SCHAD, BERNARD T., Professor of Civil Engineering, University of Dayton, Dayton, O. 1923
SCHEALER, SAMUEL R., Professor and Head, Department of Electrical Engineering, Duke University, Durham, N. C. 1911
SCHERGER, GEORGE L., Professor of History and Political Science, Armour Institute of Technology, Chicago, Ill. 1927
SCHELKUNOFF, SERGEI A., Member, Technical Staff, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1930
SCHEVE, CARL J., Instructor in Civil Engineering, University of Colorado, Boulder, Colo. 1931
SCHMIDT, EDWARD C., Professor and Head, Department of Railway Engineering, University of Illinois, Urbana, Ill. 1907

SCHMIDT, HARRY P., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1930
SCHNEIDER, HERMAN, President, University of Cincinnati, Cincinnati, O. (*Member of Council, 1908–11.*) 1903
SCHOLER, CHARLES H., Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1925
SCHOMMER, JOHN T., Assistant Professor of Industrial Chemistry, Armour Institute of Technology, Chicago, Ill. 1928
SCHONE, FRANK P., Associate Professor of Descriptive Geometry and Drawing, State University of Iowa, Iowa City, Iowa 1924
SCHRADER, HERMAN J., Associate in Railway Engineering, University of Illinois, Urbana, Ill. 1925
SCHROEDER, WILLIAM, Instructor in Mechanical Engineering, University of Idaho, Moscow, Idaho 1929
SCHUCK, ROBERT F., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. .. 1925
SCHUERMAN, WILLIAM H., Dean of the School of Engineering and Professor of Applied Mechanics and Structural Engineering, Vanderbilt University, Nashville, Ten. (*Member of Council, 1896–9.*) 1895
SCHUMANN, CHARLES H., JR., Assistant Professor of Drawing, Columbia University, New York City 1925
SCHUYLER, WILLIAM H., Assistant Professor of Chemical Enginnering, Bucknell University, Lewisburg, Pa. 1931
SCHWANTES, ARTHUR J., Assistant Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1926
SCHWARZE, C. T., Professor of Civil Engineering, New York University, University Heights, New York, N. Y. 1912
SCHWARTZ, FRANK L., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1930
SCHWEIZER, PAUL E., Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1926
SCIPIO, L. A., Dean and Professor of Mechanical Engineering, Robert College, Constantinople, Turkey 1910
SCOATES, D., Professor and Head, Dept. of Agricultural Engineering, A. and M. College of Texas, College Station, Tex. 1923
SCOFIELD, HERBERT H., Professor of Materials, Cornell University, Ithaca, N. Y. 1922
SCOTT, CHARLES F., Professor of Electrical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. (*President, 1921–2; 1922–3; Member of Council, 1907–10; 1917–20; 1921–; Chairman, Board of Investigation and Coordination, 1922–.*) **Third Recipient Lamme Medal (1930.)** 1904
SCOTT, LUTHER C., Associate Professor of Industrial Engineering and Geology, Toledo University, Toledo, O. 1919

SCRIMSHAW, STEWART, Professor of Industrial Relations, Marquette University, Milwaukee, Wis. 1925

SEABURY, GEORGE T., Secretary, American Society of Civil Engineers, 29 West 39th Street, New York City 1926

SEARLES, CHARLES L., Chief, Educational Division, Western Electric Company, Kearny, N. J. 1930

SEATON, R. A., Dean, Division of Engineering, Director, Engineering Experiment Station, Kansas State College, Manhattan, Kans. (*Vice President, 1930–31; Member of Council, 1926–9; 1930–31.*) 1912

SEAVER, HENRY L., Professor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1908

SECHRIST, GILBERT H., Associate Professor of Electrical Engineering, in charge of Department, University of Wyoming, Laramie, Wyo. 1927

SEELEY, WALTER J., Professor of Electrical Engineering, Duke University, Durham, N. C. 1927

SEELY, F. B., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1913

SELLERS, GABE A., Professor of Metallurgy, Kansas State College, Manhattan, Kans. 1926

SELVIDGE, ROBERT W., Chairman, Department Mechanical Engineering, University of Missouri, Columbus, Mo. 1922

SERVISS, FREDERICK L., Associate Professor of Engineering Geology, Purdue University, Lafayette, Ind. 1929

SETCHELL, HORACE E. 1922

SETCHELL, JOHN E., Instructor in Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1927

SETTE, FRANCIS J., Associate Professor of Sanitary Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1925

SEVERINGHAUS, WILLARD L., Associate Professor of Physics, Columbia University, New York City 1927

SEWARD, H. L., Robert Higgin Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven Conn. 1910

SEXTON, F. H., President, Nova Scotia Technical College, Halifax, Nova Scotia 1908

SEYFERT, SEYFERT S., Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1908

SHAAD, GEORGE C., Dean, School of Engineering and Architecture, University of Kansas, Lawrence, Kans. (*Member of Council, 1922–5.*) 1907

SHAFFER, HAROLD A., Assistant Professor of Electrical Engineering and Drawing, Bucknell University, Lewisburg, Pa. 1927

SHANE, ADOLPH, Professor and Head, Trades and Industries Dept., Iowa State College, Ames, Ia. 1907

SHANK, JACOB RALPH, Professor of Civil Engineering, The Ohio State University, Columbus, O. 1919

SHATTUCK, HAROLD B., Professor of Railroad Engineering, Pennsylvania State College, State College, Pa. 1906

SHAW, EDWIN A., Head, Department of Education, Tufts College, Tufts College, Mass. 1921

SHAW, H. B., Director, Engineering Experiment Station, North Carolina State College, Raleigh, N. C. 1907

SHAW, ROBERT P., Secretary, National Research Council Science Advisory Committee, Chicago World's Fair, 40 West 40th Street, New York, N. Y. 1930

SHEDD, THOMAS C., Associate Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1925

SHEIRY, EDWARD S., Associate Professor of Civil Engineering, Robert College, Constantinople, Turkey 1928

SHELDON, DAWSON C., Associate Professor of Mathematics, Clemson College, Clemson College, S. C. 1931

SHELDON, ERNEST W., Professor of Mathematics, University of Alberta, Edmonton, Canada 1931

SHENK, D. H., Associate Professor of Mechanical Engineering, Clemson Agricultural College, Clemson College, S. C. 1928

SHEPARD, GEORGE H., Professor of Industrial Engineering and Management, Purdue University, Lafayette, Ind. 1925

SHEPARDSON, JOHN E., Assistant Professor of Electrical Engineering, The Ohio State University, Columbus, O. 1917

SHEPPARD, H. S., Dept. of Development & Research, American Telephone & Telegraph Co., 195 Broadway, New York, N. Y. 1914

SHERLOCK, ROBERT H., Associate Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1925

SHERMAN, CHRISTOPHER E., Professor of Civil Engineering, The Ohio State University, Columbus, Ohio 1907

SHERMAN, GEORGE W., JR., Associate Professor of Physics, Purdue University, Lafayette, Ind. 1929

SHIPMAN, FRANK M., Assistant Professor of Chemical Engineering, University of Louisville, Louisville, Ky. 1930

SHOOP, C. F., Professor of Steam Engineering, University of Minnesota, Minneapolis, Minn. 1906

SHOREY, LAWRENCE F., Instructor in Electrical Engineering, University of Vermont, Burlington, Vt. 1926

SHORT, BRYON E., Adjunct Professor of Mechanical Engineering, University of Texas, Austin, Texas 1931

SHORT, R. L., Principal, Ashland School, 3921 N. Newstead St., St. Louis, Mo. 1902

SHOUDY, W. A., Associate Professor of Mechanical Engineering, Columbia University, New York City 1925
SHREVE, R. NORRIS, Professor of Chemical Engineering, in charge of Organic Technology, Purdue University, Lafayette, Ind... 1930
SIBLEY, F. H., Dean, College of Engineering, University of Nevada, Reno, Nev. (in charge, Dept., M. E., University of Vermont, 1931–32). 1910
SILER, RODERICK W., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1926
SILVEY, O. W., Professor of Physics, A. & M. College of Texas, College Station, Tex. 1917
SIMESTER, JOHN H., Assistant Professor of Mathematics, University of Louisville, Louisville, Ky. 1930
SINGER, FERDINAND L., Instructor in Mechanical Engineering, New York University, New York, N. Y. 1930
SINK, R. S., Associate Professor of Mechanical Engineering, University of Wyoming, Laramie, Wyo. 1926
SIROKY, EDMOND, Associate Professor of Applied Mathematics, Washington University, St. Louis, Mo. 1930
SJOGREN, C. A., Assistant Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1925
SKENE, FREDERICK, Dean, Professor of Civil and Mechanical Engineering, College of the City of New York, New York City... 1927
SKILES, W. V., Dean, Georgia School of Technology, Atlanta, Ga. 1919
SKINKLE, JAY W., Personnel Assistant, Western Electric Company, Inc., 195 Broadway, New York City 1929
SLACK, EDGAR P., Assistant Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1927
SLACK, FRANCIS G., Associate Professor of Physics, Vanderbilt University, Nashville, Tenn. 1925
SLANTZ, FRED W., Professor of Graphics, Lafayette College, Easton, Pa. 1930
SLAYMAKER, P. K., Professor of Machine Design, University of Nebraska, Lincoln, Nebr. 1910
SLAYMAKER, ROBERT R., Associate Professor of Mechanical Engineering, Southern Methodist University, Dallas, Texas..... 1931
SLICHTER, W. I., Professor of Electrical Engineering, Columbia University, New York, N. Y. 1911
SLINGESLAND, SAMUEL, Instructor and Mechanician, Stevens Institute of Technology, Hoboken, N. J. 1925
SLOAN, ROYAL D., Vice Dean of Engineering, Professor of Electrical Engineering, State College of Washington, Pullman, Wash. 1926
SLOANE, ALVIN, Instructor in Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927
SLOANE, R. C., Professor of Civil Engineering, The Ohio State University, Columbus, O. 1923

SLOBIN, HERMAN L., Professor and Head of Department of Mathematics, University of New Hampshire, Durham, N. H..... 1923

SLUSS, A. H., Professor, Department of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1915

SMITH, A. W., Professor of Physics, The Ohio State University, Columbus, O. 1923

SMITH, EARL B., Professor of Mechanical Engineering, College of City of New York, New York, N. Y. 1926

SMITH, ELLIOTT D., Professor of Industrial Engineering, Master, Saybrook College, Yale University, New Haven, Conn..... 1928

SMITH, FRANK M., Associate Professor of Civil Engineering, North Texas Agricultural College, Arlington, Texas 1931

SMITH, G. WALLACE, 809 Kingsley Street, Ann Arbor, Mich..... 1930

SMITH, HAROLD B., Professor of Electrical Engineering, Retired, Worcester Polytechnic Institute, Worcester, Mass. (*Member of Council, 1907–10.*) 1898

SMITH, J. HAMMOND, Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1910

SMITH, PAUL C., Assistant Professor of Electrical Engineering, Municipal University of Akron, Akron, Ohio 1925

SMITH, RALPH A., Instructor in Mechanical Engineering, Tufts College, Tufts College, Mass. 1922

SMITH, THEODORE T., Professor of Experimental Physics, University of Nebraska, Lincoln, Nebr. 1925

SMITH, WILLIAM G., Professor of Engineering Drawing, Northwestern University, Evanston, Ill. 1925

SMITH, W. L., Professor and Head, Department of Electrical Engineering, Northeastern University, Boston, Mass. 1927

SMITH, W. SHERMAN, Assistant Professor of Civil Engineering, University of City of Toledo, Ohio 1930

SMUTZ, FLOYD A., Associate Professor of Machine Design, Kansas State College, Manhattan, Kansas 1929

SMYTHE, R. ERIC, Director, Technical Service Council, 15 Queen's Park, Toronto, 12, Ont. 1928

SNAVELY, T. R., Professor of Economics, University of Virginia, University, Va. 1926

SNOW, CHAS. H., Emeritus Dean, College of Engineering and Professor of Civil Engineering, New York University, New York, N. Y. 1895

SNOW, FRANKLIN C., Professor of Civil Engineering, Georgia School of Technology, Atlanta, Ga. 1929

SNOW, JOHN E., Professor of Electric Power Production, Armour Institute of Technology, Chicago, Ill. 1921

SNYDER, M. K., Head, Dept. of Civil Engineering, Professor of Sanitary Engineering, Washington State College, Pullman, Wash. 1927

SOBEY, ALBERT, Director, General Motors Institute of Technology, Flint, Mich. 1923

SOLBERG, HARRY L., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1924

SOLT, MARVIN R., Assistant Professor of Mathematics, University of New Hampshire, Durham, N. H. 1931

SORENSEN, R. W., Professor of Electrical Engineering, California Institute of Technology, Pasadena, Calif. 1912

SORENSON, ALFRED E., Assistant Professor of Mechanical Engineering, Princeton University, Princeton, N. J. 1931

SPAHR, ROBERT H., Director, Curriculum and Instruction Development, General Motors Institute of Technology, Flint, Mich... 1928

SPARROW, T. A., Instructor in Mechanical Engineering, University of Maine, Orono, Maine 1927

SPEAR, JOSEPH, Professor of Mathematics, Northeastern University, Boston, Mass. 1926

SPENCER, F. A., Professor of Electrical Engineering in charge of Dept., Norwich University, Northfield, Vt. 1920

SPENCER, HENRY C., Instructor in Engineering Drawing, Texas A. & M. College, College Station, Texas 1931

SPENCER, ROBERT L., Dean of Engineering, University of Delaware, Newark, Del. 1928

SPENCER, W. R., Professor of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1926

SPINNEY, L. B., Professor and Head, Dept. of Physics, Iowa State College, Ames, Ia. 1899

SPOFFORD, C. M., Hayward Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1901

SPOONER, H. J., Late Director and Professor of Mechanical and Civil Engineering, Polytechnic School of Engineering, 5 St. Georges Terrace, Regents Park, London, England 1912

SPRAGUE, EMBERT H., Professor of Civil Engineering, University of Maine, Orono, Me. 1918

SPRINGER, CLIFFORD H., Associate in General Engineering Drawing, University of Illinois, Urbana, Ill. 1927

SPRINGER, F. W., Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1896

SPRINGER, GEORGE P., Assistant Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1930

SQUIRE, EDWARD J., Professor of Structural Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1929

ST. PETER, W. N., Professor of Physics, University of Pittsburgh, Pittsburgh, Pa. 1928

STALEY, ALLEN C., Director of Sales and Engineering, Chrysler Corp., Detroit, Mich. 1915

STANSFIELD, ALFRED, Professor of Metallurgy, McGill University-Montreal, Canada. 1921
STANTON, CHAS. B., Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1915
STAPLEY, EDWARD R., Associate Professor of Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1926
STARBUCK, ARWARD, Associate Professor of English, Iowa State College, Ames, Ia. 1919
STARR, CHARLES J., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1921
STAVELY, EARL B., Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1920
STEARNS, FREDERICK A., Assistant Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1926
STEEL, ERNEST W., Professor of Municipal and Sanitary Engineering A. and M. College of Texas, College Station, Tex..... 1926
STEELE, J. N., Instructor in Foundry Work, Dickinson High School, Jersey City, N. J. 1912
STEELE, RUSSELL, R. 1930
STEINER, FATHER, University of Notre Dame, Notre Dame, Ind... 1929
STEINMAN, D. B., Consulting Engineer, 117 Liberty St., New York, N. Y. 1910
STELZNER, WILLIAM B., Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1914
STEMPEL, W. M., Assistant Professor of Physics, Stevens Institute of Technology, Hoboken, N. J. 1928
STEPHENSON, LEONIDAS D., Instructor in Civil Engineering, University of Maine, Orono, Maine 1931
STEPHENSON, S. A., JR., Associate Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1910
STETSON, GEORGE A., Editor, American Society of Mechanical Engineers, 29 West 39th Street, New York City. (*Member of Council, 1931–4.*) 1926
STEVENS, A. C., Head, Educational Sales Section, General Electric Co., Schenectady, N. Y. 1912
STEVENS, WILLIAM J., Assistant Professor of Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1929
STEVENSON, ALEX R., JR., Staff Assistant to Vice President, in charge of Engineering, General Electric Company, Schenectady, N. Y. 1931
STEWARD, ROBERT K., Professor and Head, Dept. of Drawing and Design, Michigan Agricultural College, East Lansing, Mich. 1910
STEWART, EARL H., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1925
STEWART, FREDERICK C., Associate Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1928

STEWART, G. W., Professor of Physics, State University of Iowa, Iowa City, Ia. 1910
STEWART, L. B., Professor of Surveying and Geodesy, Faculty of Applied Science and Engineering, Toronto University, Toronto, Ontario, Canada. 1897
STEWART, LOWELL O., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa 1927
STEWART, OSCAR M., Professor of Physics, University of Missouri, Columbia, Mo. 1909
STEWART, V. T., Professor of Chemical Engineering, College of Engineering, Newark, N. J. 1923
STILL, ALFRED, Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1930
STILLWELL, L. B., Consulting Engineer, 11 W. 42nd St., New York, N. Y. 1912
STINSON, KARL W., Associate Professor of Automotive Engineering, The Ohio State University, Columbus, Ohio 1924
STOCK, ORION L., Associate Professor of Drawing and Descriptive Geometry, Rose Polytechnic Institute, Terre Haute, Ind..... 1929
STOCKER, GEORGE P., Professor and Head, Dept. of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1921
STOCKING, ERNEST J., 52 Marion Avenue, Clarendon, Va. 1927
STOCKWELL, FRANK C., Anson Wood Burchard Professor of Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1914
STOLWORTHY, EDWARD H., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. .. 1923
STONE, CHAS. W., Consulting Engineer, General Electric Co., Schenectady, N. Y. 1911
STONE, E. A., Consulting Engineer, 177 Victoria Road, Walkerville, Ont. 1907
STONE, O. M., Assistant Professor of Drawing and Descriptive Geometry, Case School of Applied Science, Cleveland, Ohio.. 1928
STONE, RALPH B., Associate Professor of Mathematics, Registrar, Purdue University, Lafayette, Ind. 1931
STOUGHTON, BRADLEY, Director, Department of Metallurgical Engineering, Lehigh University, Bethlehem, Pa. 1923
STOUT, CLAUDE E., Professor and Head, Department of Mathematics, General Motors Institute of Technology, Flint, Mich. 1931
STOUT, MELVILLE B., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929
STRAHAN, SAMUEL A. S., Professor and Head, Dept. of Chemical Engineering, Northeastern University, Boston, Mass. 1926
STRAUB, LORENZ G., Associate Professor of Hydraulics, University of Minnesota, Minneapolis, Minn. 1930

STREET, WILLIAM E., Instructor in Engineering Drawing, Texas Technological College, Lubbock, Texas 1929
STREUBEL, ERNEST J., Dean, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925
STRONG, ALBERT J., Professor of Drawing and Mechanic Arts, University of Florida, Gainesville, Fla. 1913
STUART, M. C., Professor of Experimental Engineering, Lehigh University, Bethlehem, Pa. 1921
SULLIVAN, GEO. L., Dean, College of Engineering, University of Santa Clara, Santa Clara, Calif. 1912
SUMMERS, R. E., Assistant Professor of Mechanical Engineering, Oregon Agricultural College, Corvallis, Ore. 1927
SUMMEY, GEORGE, JR., Professor and Head, Dept. of English, A. & M. College of Texas, College Station, Tex. 1919
SUTHERLAND, C. HALE, Professor and Head, Dept. of Civil Engineering, Lehigh University, Bethlehem, Pa. 1914
SUTTIE, ROSCOE H., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1912
SVENSEN, CARL L., Professor and Head, Department of Engineering Drawing, Texas Technological College, Lubbock, Texas. 1900
SWAIM, VERNE F., Professor of Physics, Bradley Polytechnic Institute, Peoria, Ill. 1919
SWANBECK, SWEN E., Assistant Professor of Foreign Languages, Case School of Applied Science, Cleveland, Ohio 1925
SWARTZ, BLAIR K., Personnel Research, Detroit Edison Company, Detroit, Mich. 1931
SWARTZEL, KARL D., Professor and Head, Department of Mathematics, University of Pittsburgh, Pittsburgh, Pa. 1922
SWEETSER, E. O., Professor of Structural Engineering, Washington University, St. Louis, Mo. 1910
SWEETSER, W. J., Professor of Mechanical Engineering, University of Maine, Orono, Me. 1910
SWEIGERT, RAY L., Associate Professor of Mechanical Engineering, Georgia School of Technology, Atlanta, Ga. 1929
SWENSON, GEORGE W., Professor and Head, Department of Electrical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1928
SWINTON, ROY S., Assistant Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1929
SYPHERD, W. O., Professor of English, University of Delaware, Newark, Del. 1914
TAFT, THEODORE H., Associate Professor of Heat Engineering, Massachusetts Institute of Technology, Cambridge, Mass..... 1926
TAIT, RALPH S., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1921

TALBOT, ARTHUR N., Professor of Municipal and Sanitary Engineering, Emeritus, University of Illinois, Urbana, Ill. (*President, 1910–11; Vice President, 1909–10; Treasurer, 1902–04; Member of Council, 1902–.*) 1893

TALLMAN, FRANK H., Instructor in Electrical Engineering, Cooper Union, New York, N. Y. 1930

TANG, KWAN, Y., Instructor in Electrical Engineering, The Ohio State University, Columbus, Ohio 1928

TAPPAN, FRANK G., Director, School of Electrical Engineering, University of Oklahoma, Norman, Okla. 1921

TAYLOR, ALBERT L., Professor of Electrical Engineering, University of Utah, Salt Lake City, Utah 1924

TAYLOR, E., Professor of Engineering Mechanics, Pomona College, Claremont, Calif. 1927

TAYLOR, FLOYD D., Canton, Pa. 1926

TAYLOR, HERBERT F., Alumni Secretary, Worcester Polytechnic Institute, Worcester, Mass. 1922

TAYLOR, T. U., Professor of Civil Engineering and Dean of Engineering Department, University of Texas, Austin, Texas. *Vice President, 1920–21; Member of Council, 1917–20.*) 1902

TAYLOR, W. C., Associate Professor of Civil Engineering, Union University, Schenectady, N. Y. 1913

TAYLOR, WM. E., Professor of Applied Mathematics and Head of Dept., College of Applied Science, Syracuse University, Syracuse, N. Y. 1913

TEBO, FRANK A., Instructor in Engineering Drawing, Pennsylvania State College, State College, Pa. 1930

TEICHMANN, F. K., Instructor in Aeronautical Engineering, New York University, New York, N. Y. 1930

TERRELL, DANIEL V., Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1917

TERWILLIGER, C. V. O., Professor and Head, Dept. of Electrical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1924

THALER, J. A., Professor of Electrical Engineering, Montana State College, Boseman, Mont. (*Member of Council, 1906–09.*) 1901

THATCHER, CHARLES G., Associate Professor of Mechanical Engineering, Chairman, Division of Engineering, Swarthmore College, Swarthmore, Pa. 1929

THAYER, HORACE R., Assistant Professor of Engineering Drawing, Pennsylvania State College, State College, Pa. 1930

THOMAN, WILLIAM H., Instructor in Civil Engineering, University of Colorado, Boulder, Colo. 1929

THOMAS, ALBERT L., Professor of Engineering Drawing, Alabama Polytechnic Institute, Auburn, Ala. 1928

THOMAS, CHARLES F., Professor of Mathematics, Case School of Applied Science, Cleveland, O. 1909

THOMAS, EARL C., Associate Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1924

THOMAS, EVAN, Professor of Mechanics and Mathematics, Emeritus, University of Vermont, 40 Robinson Court, Burlington, Vt. 1908

THOMAS, FRANKLIN, Professor of Civil Engineering, Chairman, Engineering Division, California Institute of Technology, Pasadena, Calif. 1914

THOMAS, FREDERICK H., Associate in Mechanical Engineering, University of Illinois, Urbana, Ill. 1926

THOMAS, GEO. B., Personnel Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N. Y. 1911

THOMAS, HAROLD A., Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1913

THOMAS, R. G., Professor Emeritus of Mathematics and Engineering, The Citadel, The Military College of S. C., 19 Charles Street, Charleston, S. C. (*Member of Council, 1898–01.*) ... 1894

THOMAS, R. P., 740 N. Fourtola Ave., Springfield, Ohio 1914

THOMPSON, G. S., Consulting Civil Engineer, Box 102, Lans Station, Troy, N. Y. 1907

THOMPSON, JAMES E., Instructor in Mathematics, Pratt Institute, Brooklyn, N. Y. 1926

THOMPSON, JAMES S., Vice President, McGraw-Hill Book Co., 370 7th Ave., New York, N. Y. 1911

THOMPSON, KARL O., Professor of English, Case School of Applied Science, Cleveland, O. 1919

THOMSON, FRANCIS A., President, Montana School of Mines, Butte, Mont. 1927

THOMSON, R. D., Chief of Staff, L. V. Estes, Inc., 3020 Broadway, Chicago, Ill. 1922

THOMSON, WILLIAM H., 134 Dickie Avenue, Westerleigh, S. I., N. Y. 1928

THORNBURG, M. L., Professor of Mechanical Engineering, University of Arizona, Tucson, Ariz. 1925

THOROGOOD, BRACKETT K., Educational Counsel, Franklin Union, 41 Berkeley Street, Boston, Mass. 1923

THOROUGHGOOD, R. W., Professor of Civil Engineering, University of Delaware, Newark, Del. 1913

THUESEN, H. G., Associate Professor of Industrial Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1926

THURSTON, EDWARD D., JR., Professor of Mechanical Engineering, Columbia University, New York City 1926

TILDEN, CHARLES J., Strathcona Professor of Engineering Mechanics, Yale University, New Haven, Conn. (*Member of Council, 1917–20.*) 1913

TILGHMAN, HARRISON, Councillor-at-Law, 15 Broad Street, New York City 1919

TIMBIE, WILLIAM H., Professor of Electrical Engineering and Industrial Practice, Massachusetts Institute of Technology, Cambridge, Mass. (*Member of Council, 1929–32.*) 1908

TIMBY, ELMER K., Instructor in Civil Engineering, Princeton University, Princeton, N. J. 1929

TIMOSHENKO, STEPHEN, Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1927

TINGLEY, FREEMAN T., Professor of Electrical Engineering, Clemson College, Clemson College, S. C. 1927

TOBIAS, ARTHUR L., Instructor in Engineering Drawing, Pennsylvania State College, State College, Pa. 1929

TODD, M. E., Assistant Professor of Electric Power Engineering, University of Minnesota, Minneapolis, Minn. 1913

TODD, MARION W., Assistant Professor of Topographic Engineering, Purdue University, Lafayette, Ind. 1926

TOLAR, M. B., Professor of Mathematics, Fenn College, Cleveland, Ohio 1930

TOMPKINS, FREDERICK N., Associate Professor of Electrical Engineering, Brown University, Providence, R. I. 1922

TOOLE, CHARLES E., Teacher of Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1931

TOPPING, ALANSON N., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1931

TOWLE, NORMAN L., Assistant Professor in charge of Electrical Laboratories, Cooper Union, New York City 1925

TOWNSEND, CLARENCE E., Professor of Engineering Drawing, Cornell University, Ithaca, N. Y. 1930

TOZER, ELIOT F., Professor of Drawing, Northeastern University, Boston, Mass. 1927

TRACY, GORDON F., Assistant Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1928

TRACY, JOHN C., Professor of Civil Engineering, Yale University, New Haven, Conn. (*Member of Council, 1912–5; 1920–3.*) .. 1907

TRACY, STEPHEN J., Instructor in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1930

TREZISE, FREDERICK W., Associate Professor of Engineering, Lawrence College, Appleton, Wis. 1931

TRIEST, RUDOLPH M., Manager, Educational Department, John Wiley and Sons, Inc., 440 Fourth Avenue, New York City ... 1924

TRINKLE, ROBERT J., Associate Professor of Electrical Engineering, Virginia Military Institute, Lexington, Va. 1924

TRINKS, W., Professor and Head of Department of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. .. 1917

TROFIMOV, LEO A., Development Engineer in charge of Research and Development, Electric Controller & Manufacturing Co., 2700 E. 79th St., Cleveland, Ohio 1931

TROSPER, RALPH S., Assistant Professor of Mechanical Engineering, University of Louisville, Louisville, Ky. 1930

TROTTER, RICHARD A., Assistant Professor of Experimental Engineering, Georgia School of Technology, Atlanta, Ga. 1929

TROWBRIDGE, DOUGLAS S. 1924

TRUEBLOOD, RALPH B., Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1922

TRUEBLOOD, RICHARD O., Instructor in Mechanical and Electrical Engineering, University of Wyoming, Laramie, Wyo. 1931

TRYON, JAMES L., Director of Admissions Massachusetts Institute of Technology, Cambridge, Mass. 1927

TUBINI, BERNARD A., Professor of Electrical Engineering, Robert College, Istambul, Turkey 1930

TUCKER, CARLTON E., Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1922

TUCKER, LEROY, Research Graduate Assistant in Theoretical and applied Mechanics, University of Illinois, Urbana, Ill. 1927

TUDBURY, CHESTER W., Head, Department of Mathematics, Wentworth Institute, Boston, Mass. 1921

TURLEY, O. J., Consulting Geological Engineer, Hotel Knickerbocker, Los Angeles, Calif. 1912

TURNBULL, JOHN M., Professor of Mining, Acting Dean, University of British Columbia, Vancouver, B. C. 1926

TURNBULL, W. D., Junior Dean, College of Engineering, The Ohio State University, Columbus, O. 1917

TURNEAURE, F. E., Dean of the College of Engineering, University of Wisconsin, Madison, Wis. (*President, 1908–9; Member of Council since 1903; Member, Board of Investigation and Coordination, 1925–.*) 1894

TURNER, C. A. P., Engineer, 300 Builders Exchange, Minneapolis, Minn. 1913

TURNER, D. L., Daniel L. Turner Co., Contractors, 70 West 55th Street, New York, N. Y. 1898

TURNER, HERBERT M., Associate Professor of Electrical Engineering, Yale University, New Haven, Conn. 1929

TURNER, W. P., Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1900

TUTHILL, JOHN K., Associate Professor of Railway Electrical Engineering, University of Illinois, Urbana, Ill. 1922

TUVE, GEORGE L., Associate Professor of Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio 1925

TYKOCINER, JOSEPH T., Research Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1929

TYLER, H. W., General Secretary, American Association of University Professors; Consultant in Science, Library of Congress, Washington, D. C. (*Vice President, 1897–8; 1926–7; Member of Council 1910–16.*) 1894

TYLER, RICHARD G., Dean, College of Engineering, Professor of Sanitary Engineering, University of Washington, Seattle, Wash. 1929

TYMSTRA, SYBREN R., Instructor in General Engineering, University of Washington, Seattle, Wash. 1930

TYRRELL, HENRY G., Engineer and Author, 5 Guilford Avenue, Catonsville, Md. 1925

UHRIG, L. VERNON, Instructor in Civil Engineering, The Rice Institute, Houston, Texas 1930

ULLMANN, H. M., Professor and Head, Dept. of Chemistry and Chemical Engineering, Lehigh University, Bethlehem, Pa. .. 1926

UNDERHILL, JAMES, Associate Professor of Mining, Colorado School of Mines, Golden, Colo. 1921

UNDERWOOD, P. H., Professor of Topographic and Geodetic Engineering, Cornell University, Ithaca, N. Y. 1922

UPP, CLARENCE R., Assistant Professor of Mechanical Engineering, University of Akron, Akron, Ohio 1928

UPSON, WALTER L., Professor of Electrical Engineering, Washington University, St. Louis, Mo. 1910

VALLANCE, ALEX, Associate Professor of Mechanical Engineering, University of Texas, Austin, Texas 1927

VAN BUSKIRK, H. C., Professor of Mathematics and Registrar, California Institute of Technology, Pasadena, Calif. 1911

VAN DEN BROEK, J. A., Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1924

VAN DEN MEERSCHE, ANDRÉ J., Instructor in Electrical Engineering, University of Ghent, Ghent, Belgium, 22 St. Pieters Aalststraat (10 Hillhouse Ave., New Haven, Conn.) 1930

VAN DYKE, JAMES R., Instructor in Mechanical Engineering, North Dakota Agricultural College, Fargo, N. D. 1929

VAN GAASBEEK, RICHARD M., Head, Department of Woodworking, Pratt Institute, Brooklyn, N. Y. 1926

VAN HAGAN, L. F., Professor of Railway Engineering, University of Wisconsin, Madison, Wis. 1912

VAN LEER, BLAKE R., Assistant Secretary, American Engineering Council, 744 Jackson Place, Professor Lecturer in Hydraulics, George Washington University, Washington, D. C. 1923

VAN ORNUM, J. L., Professor of Civil Engineering, Washington University, St. Louis, Mo. (*Member of Council, 1902–5.*) ... 1895

VAUGHAN, EVAN W., Instructor in Engineering Drawing, Case School of Applied Science, Cleveland, Ohio 1930

VAUGHAN, JOSEPH L., Instructor in English, University of Virginia, University, Va. 1930

VAUGHAN, L. L., Professor of Mechanical Engineering, North Carolina State College of Agriculture and Engineering, State College Station, Raleigh, N. C. 1912

VAWTER, JAMISON, Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1926

VEAL, C. B., Assistant General Manager, Society of Automotive Engineers, 29 West 39 Street, New York City 1910

VEAZEY, WILLIAM R., Professor of Chemical Engineering, Case School of Applied Science, Cleveland, O. 1922

VEDDER, JOHN N., Associate Professor of Thermodynamics, Union College, Schenectady, N. Y. 1910

VILBRANDT, FRANK C., Professor of Chemical Engineering, Iowa State College, Ames, Iowa 1931

VON ENDE, CARL L., Professor and Head, Department of Chemistry, University of Idaho, Moscow, Idaho 1929

VOSE, F. H., Professor in charge, Dept. of Mechanical Engineering, Case School of Applied Science, Cleveland, O. 1907

WADDELL, J. A. L., Consulting Engineer, 150 Broadway, New York, N. Y. (*Member of Council, 1911–4.*) 1893

WADE, FRANK H., Assistant Professor of Mechanics, Lewis Institute, Chicago, Ill. 1927

WADSWORTH, F. L. O., Consulting and Advisory Engineer, Pittsburgh, Pa. 1911

WADSWORTH, J. E., Division Engineer, American Bridge Co., 22 Morsemere Place, Yonkers, N. Y. 1895

WAGNER, H. A., Consulting Mining and Metallurgical Engineer, 8 South Michigan Avenue, Chicago, Ill. 1926

WAIT, JOHN C., Counsellor-at-law, Woolworth Bldg., 11 Park Place, New York, N. Y. 1907

WALD, ARTHUR, Assistant Professor of Industrial Placement, Fenn College, Cleveland, Ohio 1930

WALES, ROYAL L., Professor of Mechanical Engineering and Dean of Engineering, Rhode Island State College, Kingston, R. I. .. 1914

WALKER, AMASA, Manager of Educational Dept., Longmans, Green & Co., 55 Fifth Ave., New York, N. Y. 1914

WALKER, CHAS. L., Professor of Sanitary Engineering, College of Engineering, Cornell University, Ithaca, N. Y. 1910

WALKER, ELTON D., Professor of Hydraulic and Sanitary Engineering, Head, Department Civil Engineering, the Pennsylvania State College, State College, Pa. 1895

WALKER, E. S., Instructor in Descriptive Geometry and Mechanical Drawing, University of Florida, Gainesville, Fla. 1910
WALKER, HARRY B., Professor of Agricultural Engineering, University of California, University Farm, Davis, Calif. 1921
WALKER, LEONARD D., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1928
WALKLING, WALTER, Instructor in Electrical Engineering, South Dakota School of Mines, Rapid City, S. D. 1931
WALLACE, LAWRENCE W., Executive Secretary, American Engineering Council, 744 Jackson Place, Washington, D. C. 1924
WALLIS, CLIFFORD M., Instructor in Electrical Engineering, University of Missouri, Columbia, Mo. 1930
WALSH, FRANK W., Assistant Professor and Head, Department of Mechanical Drawing, State Teachers College, Oshkosh, Wis. .. 1928
WALTER, OTTO W., Assistant Professor of Electrical Engineering, College of the City of New York, New York, N. Y. 1926
WALTERS, JACK E., Director of Personnel, Schools of Engineering, Purdue University, Lafayette, Ind. 1926
WALTHER, JOHN T., Professor of Electrical Engineering, University of Akron, Akron, Ohio 1924
WALTHERS, HARRY V., Instructor in Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1928
WALTON, GRAHAM, Instructor in Civil Engineering, South Dakota School of Mines, Rapid City, S. D. 1931
WARD, GERALD C., College Representative, McGraw-Hill Book Co., 370 Seventh Avenue, New York, N. Y. 1929
WARD, SAMUEL, Professor and Head, Dept. of Civil Engineering, Fenn College, 2648 Canterbury Road, Cleveland Heights, O. 1917
WARNER, FRANK M., Associate Professor of Engineering Drawing, University of Washington, Seattle, Wash. 1927
WARNER, HARRY O., Professor of Electrical Engineering, University of Detroit, Detroit, Mich. 1926
WARNER, ROBERT K., Assistant Professor of Mining Engineering, Yale University, New Haven, Conn. 1924
WARNER, ROBERT W., Associate Professor of Electrical Engineering, University of Kansas, Lawrence, Kansas 1930
WARNER, RUSSELL G., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1924
WARREN, CHARLES H., Dean, Sheffield Scientific School, Yale University, New Haven, Conn. (*Member of Council, 1928–31.*) .. 1923
WASHINGTON, LAWRENCE, Instructor in Mechanical Engineering, Stanford University, Stanford University, Calif. 1928
WATERMAN, EARLE L., Professor of Sanitary Engineering, University of Iowa, Iowa City, Iowa 1923
WATERMAN, I. F., Instructor in Civil Engineering, Oregon Agricultural College, Corvallis, Ore. 1916

WATERS, EVERETT O., Associate Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. 1914

WATERS, JAMES S., Instructor in Electrical Engineering, Rice Institute, Houston, Texas 1931

WATSON, ARTHUR E., Associate Professor of Electrical Engineering, Brown University, Providence, R. I. 1924

WATSON, CARL G., Professor of Physics, South Dakota School of Mines, Rapid City, S. D. 1925

WATSON, HARRY D., Associate Professor of Mechanical Engineering, University of Maine, Orono, Me. 1926

WATSON, JAMES W., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1910

WATTS, A. S., Professor of Ceramic Engineering, The Ohio State University, Columbus, O. 1923

WATTS, EARLE F., Assistant Professor of Engineering Drawing, Massachusetts Institute of Technology, Cambridge, Mass..... 1923

WATTS, OLIVER P., Associate Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1925

WATWOOD, VERNON B., Assistant Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929

WEAVER, FREDERIC N., Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1924

WEAVER, JAMES H., Professor of Mathematics, The Ohio State University, Columbus, Ohio 1923

WEAVER, LEON H. A., Publicity Manager, The Superheater Co., 60 E. 42d Street, N. Y. C. 1914

WEAVER, R. R., Educational Director, Western Electric Company, 195 Broadway, New York, N. Y. 1929

WEBBER, W. PAUL, Professor of Mathematics, Louisiana State University, Baton Rouge, La. 1931

WEED, JOHN M., Assistant to Director, Engineering Experiment Station, The Ohio State University, Columbus, Ohio 1923

WEGNER, WALTER W., Assistant Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1927

WEIGEL, PAUL, Professor of Architecture, Kansas State College, Manhattan, Kans. 1923

WEIL, JOSEPH, Professor and Head, Dept. of Electrical Engineering, University of Florida, Gainesville, Fla. 1923

WEILAND, W. F., Associate Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1921

WEINBACH, M. P., Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1915

WEINBERG, EDWARD F., Professor of Mathematics, Rollins College, Winter Park, Fla. 1930

WEISIGER, KENDALL, Assistant to President, Southern Bell Telephone & Telegraph Company, 206 East 17th Street, Atlanta, Ga. 1927

WEISS, CAMILLO, Designer and Estimator, Bethlehem Steel Co., 744 8th Ave., Bethlehem, Pa. 1917

WEISS, HERBERT A., Assistant Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1930

WELCH, FREDERIC W., Assistant Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1921

WELLMAN, B. LEIGHTON, Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1930

WELLS, ARTHUR E., Vice President, American Cyanimid Co., 535 Fifth Ave., New York City 1928

WELLS, EDGAR H., President; Professor of Geology and Mineralogy, New Mexico School of Mines, Socorro, N. M. 1923

WELLS, EVERETT D., Assistant Professor of Mathematics, University of Pittsburgh, Erie, Pa. 1926

WELLS, MELVILLE B., Professor and Head, Dept. of Civil Engineering, Armour Institute of Technology, Chicago, Ill. 1925

WENDLING, ANDRÉ V., Professor of Physics, Ecole Polytechnique, Montreal, Canada 1930

WENDT, KURT F., Instructor in Mechanics, University of Wisconsin, Madison, Wis. 1927

WENDT, ROBERT E., Instructor in Foundry, Purdue University, Lafayette, Ind. 1922

WENDT, WYLIE B., Professor of Civil Engineering, Speed Scientific School, University of Louisville, Louisville, Ky. 1908

WENK, MORRIS, 707 Addison Avenue, Palo Alto, Calif. 1921

WEST, FRANK LESLIE, Professor of Engineering, Mount Allison University, Sackville N. B., Canada 1923

WEST, G. ALVIN, Machine Designer, Standard-Trump Brothers Machine Company, Wilmington, Del.; Port Deposit, Md. 1923

WEST, RAY B., Professor of Civil Engineering, Dean, School of Engineering, Utah Agricultural College, Logan, Utah 1924

WESTON, EDW., President, The Weston Electrical Instrument Co., Waverly Park, Newark, N. J. 1911

WEYL, CHARLES, Assistant Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1926

WHARTON, JAMES R., Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1919

WHEATLEY, EDWARD A., Registrar-Secretary-Treasurer, Association of Professional Engineers, 930 Birks' Building, Vancouver, B. C. 1927

WHEELER, NATHANIEL E., Professor of Physics, Colby College, Waterville, Me. 1921

WHEELER, WILLIAM H., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1924

WHELAN, DANIEL E., JR., Professor of Civil Engineering, Loyola University, Los Angeles, Calif. 1931

WHENMAN, JOHN H., Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1930

WHIPPLE, CLYDE C., Associate Professor of Electrical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1924

WHIPPLE, RICHARD R., Assistant Professor of Electrical Engineering, State University of Iowa, Iowa City, Iowa 1931

WHITE, ALFRED H., Professor of Chemical Engineering, University of Michigan, Ann Arbor, Mich. 1920

WHITE, BENNETT S., Assistant Professor of Machine Design and Drawing, West Virginia University, Morgantown, W. Va. 1926

WHITE, C. L., Professor of Engineering, College of the Pacific, Stockton, Calif. (Grand Canyon, Ariz.) 1923

WHITE, HALL B., Agricultural Engineer, University of Minnesota, St. Paul, Minn. 1925

WHITE, JAMES M., Supervising Architect, Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1900

WHITE, JOHN, Vice President, Professor of Chemical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929

WHITE, LEON V., Associate Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1923

WHITE, ROY A., Head, Engineering Dept., The Grand Rapids Junior College, Grand Rapids, Mich. 1925

WHITE, WILLIAM C., Assistant Professor of Education, Northeastern University, Boston, Mass. 1926

WHITE, WM. E., Instructor in Civil Engineering Rice Institute, Houston, Texas 1927

WHITED, E. WILLIS, Director, Co-Operative Work, University of Pittsburgh, Pittsburgh, Pa. 1923

WHITEHEAD, J. B., Dean, Faculty of Engineering and Professor of Electrical Engineering, The Johns Hopkins University, Baltimore, Md. (*Member of Council, 1915–8.*) 1913

WHITEHEAD, L. W., Associate Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1918

WHITTEMORE, JEANNE S., Professor of English, University of Porto Rico, Mayaguez, P. R. 1923

WICKENDEN, WM. E., President, Case School of Applied Science, Cleveland, Ohio. (*Director of Investigations, 1923–29; Member of Council, 1924–7.*) 1912

WIEPKING, C. A., Testing Engineer, 1806 No. 52d Street, City of Milwaukee, Wis. 1925

WILBUR, WALTER E., Assistant Professor of Mathematics, University of New Hampshire, Durham, N. H. 1928

WILCOX, ALFRED C., Instructor in Drafting, Pasadena Junior College, Pasadena, Calif. 1931

WILCOX, ELGIN R., Associate Professor of General Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1913–4.*) 1925

WILCOX, GUY M., Professor of Physics, Armour Institute of Technology, Chicago, Ill. 1926

WILDES, KARL L., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. .. 1926

WILEY, RALPH B., Professor of Sanitary Engineering, Purdue University, Lafayette, Ind. 1920

WILEY, W. O., Publisher of Scientific Books, President, John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. (*Treasurer, 1907–.*) 1904

WILLARD, ARTHUR C., Professor of Heating and Ventilation, Head, Department, Mechanical Engineering, University of Illinois, Urbana, Ill. 1922

WILLARD, FREDERIC W., Assistant Works Manager, Western Electric Company, Inc., 100 Central Avenue, Kearny, N. J. 1929

WILLEY, EARL C., Instructor in Engineering Drawing, Oregon State Agricultural College, Corvallis, Ore. 1929

WILLIAMS, CLEMENT C., Dean, College of Engineering, The State University of Iowa, Iowa City, Iowa. (*Member of Council, 1920–3; Vice President, 1928–9.*) 1909

WILLIAMS, FRANK W., Professor of Mathematics and Drawing, University of Dayton, Dayton, Ohio 1931

WILLIAMS, OWEN E., Professor of Engineering Drawing, The Ohio State University, Columbus, O. 1910

WILLIAMS, S. N., Professor Emeritus of Civil and Sanitary Engineering, Cornell College, 5448 West Ohio Avenue, Chicago, Ill. 1893

WILLIAMS, W. S., Professor of Topographical Engineering, University of Missouri, Columbia, Mo. 1913

WILLIS, BEN S., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Iowa 1929

WILLIS, CLODIUS H., Associate Professor of Electrical Engineering, Princeton University, Princeton, N. J. 1926

WILLIS, PHILIP A., Associate Professor of Mechanical Engineering, Missouri School of Mines, Rolla, Mo. (Apt. 30, Varsity Apts., West Lafayette, Ind.) 1929

WILLISTON, ARTHUR L., Assistant to Director, American Council on Education, Washington, D. C., 986 High Street, Dedham, Mass. (*Vice President, 1909–10; Secretary, 1907–9; Member of Council, 1900–3; 1905–8.*) 1897

WILLMARTH, ELMER H., Associate Professor of Engineering Problems, Iowa State College, Ames, Iowa 1922

WILLSON, F. G., Head, Department of Applied Electricity, Wentworth Institute, Boston, Mass. 1912

WILMORE, JOHN J., Dean, School of Engineering, and Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. (*Member of Council, 1928–31*) 1894

WILSEY, EDWARD F., Professor of Physics, Robert College, Istambul, Turkey 1930

WILSON, A. M., Professor of Electrical Engineering, University of Cincinnati, Cincinnati, O. 1907

WILSON, BENJAMIN J., Development Engineer, Leeds and Northrup Co., Philadelphia, Pa. 1925

WILSON, DAVID M., Assistant Professor of Civil Engineering, University of Southern California, Los Angeles, Calif. 1929

WILSON, EARL R., Instructor in Engineering Drawing, University of Akron, Akron, Ohio 1930

WILSON, FRANCIS W., President, Wilson Engineering Corp., College House Office, Harvard Square, Cambridge, Mass..... 1931

WILSON, FREDERICK C., Dean of Engineering, Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1930

WILSON, GEORGE S., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1912

WILSON, GROVER C., Assistant Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1929

WILSON, LEROY A., Associate Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1923

WILSON, ROBERT N., Professor of Chemistry, Duke University, Durham, N. C. 1927

WILSON, R. S. L., Dean, Faculty of Applied Science, Professor of Civil and Municipal Engineering, University of Alberta, Edmonton, Canada 1930

WILSON, WILBUR M., Research Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1914

WINFREY, ROBLEY, Bulletin Editor, Iowa State College, Ames, Iowa 1928

WING, FRANCIS H., Deputy Superintendent of Schools in charge of Vocational Education, Buffalo, N. Y. 1919

WINGREN, ROY M., Instructor in Mechanical Engineering, Texas A. and M. College, College Station, Texas 1928

WINKLER, EDWIN W., Instructor in Electrical Engineering, University of North Carolina, Chapel Hill, N. C. 1930

WINSLOW, A. E., Head of Civil Engineering Dept., Norwich University, Northfield, Vt. 1914

WINSLOW, A. M., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1925

WINSTON, STANTON E., Associate Professor of Kinematics, Armour Institute of Technology, Chicago, Ill. 1928

WISCHMEYER, CARL, Professor of Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929

WITHAM, R. L., Head, Electrical Engineering Dept., Sperry Gyroscope Co., Manhattan Bridge Plaza, Brooklyn, N. Y. 1914

WITHEY, M. O., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1910

WITHROW, JAMES R., Professor and Head, Dept. of Chemical Engineering, Ohio State University, Columbus, O. 1907

WITMER, FRANCIS P., Director of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1926

WITMER, LUTHER F., Associate Professor of Metallurgy, Lafayette College, Easton, Pa. 1931

WOHLENBERG, W. J., Sterling Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. 1917

WOLFARD, N. ELLSWORTH, Associate Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1921

WOOD, BEN D., Associate Professor and Director, Bureau of Collegiate Educational Research, Columbia University, New York, N. Y. 1931

WOOD, E. H., Professor of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1910

WOOD, FREDERICK M., Assistant Professor of Civil Engineering, McGill University, Montreal, Canada 1930

WOOD, HORACE W., JR., Associate Professor of Mechanics, University of Missouri, Columbia, Mo. 1931

WOOD, K. D., Assistant Professor of Mechanics, Cornell University, Ithaca, N. Y. 1923

WOODS, BALDWIN M., Professor of Mechanical Engineering and Chairman of Dept., University of California, Berkeley, Calif. 1930

WOODWARD, SHERMAN M., Professor of Mechanics and Hydraulics, State University of Iowa, Iowa City, Ia. (*Member of Council, 1913–6; 1926–0.*) 1910

WOOLEY, JOHN C., Professor of Agricultural Engineering, University of Missouri, Columbia, Mo. 1928

WOOSTER, L. F., Professor of Applied Electricity, Oregon Agricultural College, Corvallis, Ore. 1912

WORK, LINCOLN T., Assistant Professor of Chemical Engineering, Columbia University, New York City 1923

WORK, WILLIAM R., Professor and Head, Department of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921

WRIGHT, DONALD H., Instructor in Electrical Design, Pratt Institute, Brooklyn, N. Y. 1929

WRIGHT, EDWIN H., Professor of Fine Arts, Tufts College, Tufts College, Mass. 1921

WRIGHT, HARRY M., Instructor in Practical Mechanics, Junior College, Lyons Township High School, 22 N. Meredian, La-Grange, Ill. 1929

WRIGHT, M. BIRNEY, Instructor in Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio 1929

WUNDERLEE, JAMES L., Instructor in Practical Mechanics, Purdue University, Lafayette, Ind. 1922

YATES, J. A., Head, Dept. of Chemical and Physical Sciences, Kansas State Teachers College, Pittsburg, Kans. 1924

YOUNG, C. M., Professor of Mining Engineering, University of Kansas, Lawrence, Kans. 1907

YOUNG, C. R., Professor of Civil Engineering, University of Toronto, Toronto, Ont. 1914

YOUNG, EVERETT G., Research Professor of Railway Mechanical Engineering, University of Illinois, Urbana, Ill. 1922

YOUNG, GILBERT A., Head, School of Mechanical Engineering, Director, M. E. Laboratories, Purdue University, Lafayette, Ind. 1907

YOUNG, L. H., Assistant Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1928

YOUNGER, JOHN, Professor of Industrial Engineering, The Ohio State University, Columbus, Ohio 1925

ZAROBSKY, IVAN F., Associate Professor of Mechanical Engineering, University of the City of Toledo, Toledo, Ohio 1928

DE ZAFRA, CARLOS, Professor of Mechanical Engineering, New York University, 172 Brewster Road, Scarsdale, N. Y. (Curator, Shipbuilding and Navigation, Chicago Museum of Science and Industry.) 1924

ZELLER, JOSEPH W., Head, Department of Mechanical Engineering, Northeastern University, Boston, Mass. 1926

ZELNER, OTTO S., Associate Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1930

ZIMMER, ALBERT R., Associate Professor of Electrical Engineering, University of Toronto, Toronto, Ont., Canada 1923

ZINK, FRANKLIN J., Associate Professor of Agricultural Engineering, Kansas State College, Manhattan, Kans. 1931

ZUCROW, MAURICE J., 1422 Farwell Avenue, Chicago, Ill 1928

ZUFFANTI, SAVERIO, Instructor in Chemical Engineering, Northeastern University, Boston, Mass. 1931

Total Individual Members November 18, 1931 2274

Recipients of Lamme Medal.

1928—George Fillmore Swain, Professor of Civil Engineering, Harvard University.

1929—Irving Porter Church, Emeritus Professor of Applied Mechanics and Hydraulics, Cornell University.

1930—Charles Felton Scott, Professor of Electrical Engineering, Yale University.

1931—Dugald Caleb Jackson, Professor of Electric Power Production and Distribution, in charge, Dept., Electrical Engineering, Massachusetts Institute of Technology.

ADDRESSES UNKNOWN

If you know the present address of any of the following members, please send it to the secretary, F. L. Bishop, University of Pittsburgh, Pittsburgh, Pa.:

Bennett, C. Ralph	McGivern, J. G.
Daniloff, M.	Murrie, J. L.
Getchell, W. B.	Richardson, M. R.
Goodrich, E. A.	Setchell, H. E.
Huffman, Raymond L.	Steele, Russell R.
Klingler, W. W.	Trowbridge, Douglas S.

Additions, December 1, 1931

Cady, Louis C., Assistant Professor of Chemistry, University of Idaho, Moscow, Idaho 1931

Posey, Chesley J., Instructor in Mechanics and Hydraulics, State University of Iowa, Iowa City, Iowa 1931

Slegel, Louis, Assistant Instructor in Applied Mechanics, Purdue University, Lafayette, Ind. 1931

GEOGRAPHICAL DISTRIBUTION OF MEMBERSHIP.

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Auburn.—Barron, A. C., Poly. Inst.
Callan, John A. C., Poly Inst.
Camp, E. W., Poly. Inst.
Dixon, S., Poly. Inst.
Elizondo, Y. A., Poly. Inst.
Fullan, M. T., Poly. Inst.
Hixon, C. R., Poly. Inst.
McKinnon, J. C., Poly. Inst.
Sahag, L. M., Poly. Inst.
Thomas, A. L., Poly. Inst.
Watwood, V. B., Poly. Inst.
Wilmore, J. J., Poly. Inst.
Tuscaloosa.—Davis, Geo. J., Jr., Pinehurst.
Du Plantier, D. A., Univ. of Ala.
Gallalee, J. M., Univ. of Ala.

ARIZONA

Tucson.—Borquist, E. S., Univ. of Ariz.
Butler, G. M., Univ. of Ariz.
Clark, J. C., Univ. of Ariz.
Ehle, Mark, Univ. of Ariz.
Kelton, F. C., Univ. of Ariz.
Leonard, Heman Burr, Univ. of Ariz.
Park, J. C., Univ. of Ariz.
Thornberg, M. L., Univ. of Ariz.

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Fayetteville.—Farrar, C. L., Univ. of Ark.
Gladson, W. N., Univ. of Ark.
Hammond, R. J., Univ. of Ark.
Holmes, A. G., Univ. of Ark.
Hosford, H. M., Univ. of Ark.
Paddock, R. G., Univ. of Ark.
Price, L. C., Univ. of Ark.
Spencer, W. R., Univ. of Ark.
Stelzner, W. B., Univ. of Ark.
Stocker, G. P., Univ. of Ark.

CALIFORNIA

Berkeley.—Boelter, L. M. K., Univ. of Calif.
Cherry, F. H., Univ. of Calif.
Davis, R. E., Univ. of Calif.
Derleth, Chas., Jr., Univ. of Calif.
Fuller, L. F., Univ. of Calif.
Garland, C. F., Univ. of Calif.
Howe, E. D., Univ. of Calif.
Langille, H. B., Univ. of Calif.
Le Conte, J. N., Univ. of Calif.
O'Brien, M. P., Univ. of Calif.
Raber, B. F., Univ. of Calif.
Woods, B. M., Univ. of Calif.
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Davis.—Walker, H. B., Univ. Farm.
Fresno.—George V. C., Teachers College.
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Cherry, C. E., Marin Jr. College.
Los Angeles.—Biegler, P. S., Univ. of So. Calif.
Butterfield, T. E., 1936 W. 21 St.
Dunstan, G. H., Univ. So. Calif.
Eyre, T. T., Univ. of So. Calif.
Hedrick, E. R., Univ. of Calif.
Hunt, G. H., Univ. of Calif.
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Wilson, D. M., Univ. of So. Calif.
Modesto.—Rose, F. O., Jr. College.
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Converse, F. J., Inst. of Tech.
Daugherty, R. L., Inst. of Tech.
Gehrig, A. G., Junior College.
Hinrichs, F. W., Jr., Inst. Tech.
Holmes, W. M., Junior College.
Macarthur, J. R., Inst. of Tech.
Sorensen, R. W., Inst. of Tech.
Thomas, Franklin, Inst. of Tech.
Van Buskirk, H. C., Inst. of Tech.
Wilcox, A. C., Junior College.
Riverside.—Bliss, H. H., Junior College.
San Francisco.—Merrill, G. A., School Mech. Arts.
Miller, G. B., Cogswell Poly.
Santa Ana.—DeLay, F. A., 850 Van-Ness Ave.
Santa Clara.—Sullivan, Geo. L., Univ. of Santa Clara.
Stanford University.—Domonoske, A. B., Stanford Univ.
Durand, W. F., Stanford Univ.
Fish, J. C. L., Stanford Univ.
Grant, E. L., Stanford Univ.
Green, B. M., Stanford Univ.
Hoover, T. J., Stanford Univ.
Marx, C. D., Stanford Univ.
Moser, Chas., Stanford Univ.
Ryan, H. J., Stanford Univ.
Thomas, E. C., Stanford Univ.
Washington, L., Stanford Univ.
Wegner, W. W., Stanford Univ.
Stockton.—White, C. L., College of Pacific.
Valleja.—Garcelon, W. R.

CANADA

Alberta.—Morrison, I. F., Univ. of Alberta.
Sheldon, E. W., Univ. of Alberta.
Wilson, R. S. L., Univ. of Alberta.
Brighton.—Krausnick, W.
Halifax.—Sexton, F. H., Tech. Coll.
Montreal.—Boyer, A., Ecole Poly.
Circé, A., Ecole Poly.

French, R. D., McGill Univ.
Frigon, A., Ecole Poly.
Jamieson, R. E., McGill Univ.
Johnson, F. M. G., McGill Univ.
Lafreniere, T. J., Ecole Poly.
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Lefebvre, Olivier O., New Court House.
McBride, W. G., McGill Univ.
McKergow, C. M., McGill Univ.
Murray, D. A., McGill Univ.
Phillips, J. B., McGill Univ.
Stansfield, Alfred McGill Univ.
Wendling, A. V., Ecole Poly.
Wood, F. M., McGill Univ.

Sackville.—West, F. L., Mt. Allison, Univ.

Saskatoon.—Fraser, I. M., Univ of Saskatchewan.
Mackenzie, C. J., Univ. of Saskatchewan.

Toronto.—Dyer, F. C., Univ. of Toronto.
Haultain, H. E. T., Univ. of Toronto.
Mitchell, C. H., Univ. of Toronto.
Morris, H. M., Bell Telephone Co.
Price, H. W., Univ. of Toronto.
Rosebrugh, T. R., Univ. of Toronto.
Smythe, R. E., 15 Queen's Park.
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Young, C. R., Univ. of Toronto.
Zimmer, A. R., Univ. of Toronto.

Vancouver.—Brock, R. W., Univ. of B. C.
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COLORADO

Boulder.—Allen, F. G., Univ. of Colo.
Bauer, F. S., Univ. of Colo.
Bergman, E. O., Univ. of Colo.
Birk, Wm. O., Univ. of Colo.
Brubaker, W. F., Univ. of Colo.
Brunton, L. J., Univ. of Colo.
Coover, M. S., Univ. of Colo.
Downing, R. L., Univ. of Colo.
DuVall, W. C., Univ. of Colo.
Eckel, C. L., Univ. of Colo.
Evans, H. S., Univ. of Colo.
Grismer, F. A., Univ. of Colo.
Hunter, J. A., Univ. of Colo.
Hutchinson, C. A., Univ. of Colo.
Lester, O. C., Univ. of Colo.
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MacDonald, S. L., Agri. College.
Poole, F. L., Agri. College.

Golden.—Adams, A. S., School of Mines.
Baxter, R. A., School of Mines.
Coolbaugh, M. F., School of Mines.
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Little, A. P., School of Mines.
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Underhill, James, School of Mines.

CONNECTICUT

Bridgeport.—Harris, H. E., 299 Thorme St.

Hartford.—Rogers, C. E., Trinity College.

Litchfield, Munroe, H. S.

New Haven.—Abbott, T. A., Yale Univ.
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Beck, F. J., Yale Univ.
Bishop, C. T., Yale Univ.
Boardman, H. E., Yale Univ.
Brill, P. B., Yale Univ.
Brodhead, J. A., New Haven College.
Conrad, A. G., Yale Univ.
Cooper, F. L., Yale Univ.
Cox, W. J., Yale Univ.
Crane, Theo., Yale Univ.
Doherty, R. E., Yale Univ.
Dudley, S. W., Yale Univ.
Eckle, J. N., Yale Univ.
Farnham, C. S., Yale Univ.
Gleason, G. S., Yale Univ.
Hall, W. B., Yale Univ.
Hastings, H. B., Yale Univ.
Keator, F. W., Yale Univ.
Kirby, R. S., Yale Univ.
Kovarik, Alois F., Yale Univ.
Laurson, Philip G., Yale Univ.
Lichty, L. C., Yale Univ.
McNamara, F. T., Yale Univ.
Mathewson, C. H., Yale Univ.
Miles, Egbert J., Yale Univ.
Newton, R. H., Yale Univ.
Scott, C. F., Yale Univ.
Seward, H. L., Yale Univ.
Smith, E. D., Yale Univ.
Suttle, R. H., Yale Univ.
Tilden, C. J., Yale Univ.
Tracy, L. C., Yale Univ.
Turner, H. M., Yale Univ.
Warner, R. G., Yale Univ.
Warner, R. K., Yale Univ.
Warren, C. H., Yale Univ.
Waters, E. O., Yale Univ.
Wohlenberg, W. J., Yale Univ.

Storrs.—Moore, E. K., Agri. College.

DELAWARE

Newark.—Blumberg, Leo, Univ. of Del.
Coyle, J. L., Univ. of Del.

Harter, G. A., Univ. of Del.
Koerber, G. A., Univ. of Del.
Lindell, W. F., Univ. of Del.
Spencer, R. L., Univ. of Del.
Sypherd, W. O., Univ. of Del.
Thoroughgood, R. W., Univ. of Del.

DISTRICT OF COLUMBIA

Washington.—Chambliss, H., Catholic Univ.
Cruickshanks, B. C., Geo. Wash. Univ.
Downing, L. K., Howard Univ.
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Howard, D., Howard Univ.
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Richmond, A. E., Howard Univ.
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FLORIDA

Fort Myers.—Pinney, J. C.
Gainesville.—Brown, C. C., Univ. of Fla.
Dostal, B. F., Univ. of Fla.
Lowe, T. M., Univ. of Fla.
Reed, P. L., Univ. of Fla.
Strong, A. J., Univ. of Fla.
Walker, E .S., Univ. of Fla.
Weil, Jos., Univ. of Fla.
Winter Park.—Carty, J. J.
Weinberg, E. F., Rollins College.

GEORGIA

Atlanta.—Brittain, M. L., School of Tech.
Dunkin, W. V., School of Tech.
Ebaugh, N. C., School of Tech.
Field, F., School of Tech.
Fitzgerald, T. W., School of Tech.
Howell, R. S., School of Tech.
King, R. S., School of Tech.
McDaniel, J. E., School of Tech.
Mason, H. W., School of Tech.
Savant, D. P., School of Tech.
Skiles, W. V., School of Tech.
Snow, F. C., School of Tech.
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HAWAII

Honolulu.—Andrews, C. B., Univ. of Hawaii.
Hoy, E. A., Univ. of Hawaii.
Keller, A. R., Univ. of Hawaii.

IDAHO

Moscow.—Beresford, H., Univ. of Idaho.
Buchanan, J. E., Univ. of Idaho.
Cady, L. C., Univ. of Idaho.
Carter, I. N., Univ. of Idaho.
Crawford, I. C., Univ. of Idaho.
Cruikshank, B., Univ. of Idaho.
Finch, J. W., School of Mines.
Gauss, H. F., Univ. of Idaho.
Hull, R. H., Univ. of Idaho.
Janssen, A-S., Univ. of Idaho.
Johnson, J. H., Univ. of Idaho.
Pangborn, R. J., Univ. of Idaho.
Schroeder, Wm., Univ. of Idaho.
von Ende, C. L., Univ. of Idaho.
Pocatello.—Gough, A. C., So. Branch.

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Gilchrist, J. F., Commonwealth Edison Co.
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Koenitzer, L. H., State College.
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Pickett, Gerald, State College.
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KENTUCKY

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Horine, J. S., Univ. of Ky.
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Graham, Wm. P., Syracuse Univ.
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Mitchell, W. A., Military Academy.
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Yonkers.—Wadsworth, J. E., American Bridge Co.

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Hoefer, E. G., Univ. of N. Car.
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Saville, Thorndike, Univ. of N. Car.
Winkler, E. W., Univ. of N. Car.
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Flowers, R. L., Duke Univ.
Hall, W. H., Duke Univ.
Mathews, R. T., Duke Univ.
Schealer, S. R., Duke Univ.
Seeley, W. J., Duke Univ.
Wilson, R. N., Duke Univ.
State College Station, Raleigh.—Brown, Wm. H., Jr., State College.
Dana, W. J., State College.
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Foster, J. M., State College.
Fouraker, R. S., State College.
Greaves-Walker, A. F., State College.
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Vaughan, L. L., State College.

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Rush, H. S., Agri. College.
Van Dyke, J. R., Agri. College.
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Boyd, Alfred, Univ. of N. D.
Jenkins, D. R., Univ. of N. D.
University.—Chandler, E. F., Univ. of North Dakota.

OHIO

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Needy, J. A., Ohio No. Univ.
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Bulger, J. W., Univ. of Akron.
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Gilmour, W. A., Univ. of Akron.
Griffin, F. S., Univ. of Akron.
Raw, Ruth, Univ. of Akron.
Smith, P. C., Univ. of Akron.
Upp, C. R., Univ. of Akron.
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Wilson, E. R., Univ. of Akron.
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Frey, G. J., Ohio Mechanics Inst.
Joerger, C. A., Univ. of Cin.
Kersten, H. J., Univ. of Cin.
Luther, H. B., Univ. of Cin.
Muncy, V. E., Mech. Inst.
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Wright, M. B., Case School.
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Schad, B. T., Univ. of Dayton.
Williams, F. W., Univ. of Dayton.
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Smith, W. S., Toledo Univ.
Zarobsky, I. F., Toledo Univ.
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Lloyd, T. C., Antioch College.
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Saxton, R. G., A. & M. College.
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OREGON

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PENNSYLVANIA

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Larkin, F. V., Lehigh Univ.
Maylott, C. F., Lehigh Univ.
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Richard, C. R., Lehigh Univ.
Seyfert, S. S., Lehigh Univ.
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King, M., Lafayette College.
Lohr, W. S., Lafayette College.
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Plank, W. B., Lafayette College.
Rockwell, E. H., Lafayette College.
Roehrig, G. F., Lafayette College.
Slantz, F. W., Lafayette College.
Witmer, L. F., Lafayette College.
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Gardner, R. A., Bucknell Univ.
Garman, W. D., Bucknell Univ.
Griffith, D. M., Bucknell Univ.
Hall, V. B., Bucknell Univ.
Irland, G. A., Bucknell Univ.
Kunkle, G. M., Bucknell Univ.
Laning, W. A., Bucknell Univ.
Miller, J. B., Bucknell Univ.
Ogburn, S. C., Bucknell Univ.
Rhodes, W. K., Bucknell Univ.
Schuyler, W. H., Bucknell Univ.
Shaffer, H. A., Bucknell Univ.
New Kensington.—Hoglund, G. O.
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Bowman, H. T., Univ. of Penna.
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Hosted, E. G., Drexel Inst.

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Weyl, Chas., Univ. of Pa.
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Holbrook, E. A., Univ. of Pgh.
Hower, H. S., Carnegie Inst. Tech.
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Work, W. R., Carnegie Inst. Tech.

Scranton.—Carpenter, D. E., International Correspondence School.

Sharon.—George, R. B., Westinghouse E. & M. Co.

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Matthews, J. J., Swarthmore College.
Thatcher, C. G., Swarthmore College.

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Hill, J. E., Brown Univ.
Kenerson, W. H., Brown Univ.
Kistler, P. N., Brown Univ.
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Klugh, W. W., Clemson College.
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Sheldon, D. C., Clemson College.
Shenk, D. H., Clemson College.
Tingley, F. T., Clemson College.
Columbia.—Ball, T. F., Univ. of S. C.

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Rapid City.—Beebe, G. A., School of Mines.
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Clark, E. E., School of Mines.
Dake, E. D., School of Mines.
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Karsten, A., School of Mines.
O'Harra, C. C., School of Mines.
Walkling, W., School of Mines.
Walton, G., School of Mines.
Watson, C. G., School of Mines.
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Davidson, M. W., Univ. of S. D.

TENNESSEE

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Lewis, F. J., Vanderbilt Univ.
Schuerman, W. H., Vanderbilt Univ.
Slack, F. G., Vanderbilt, Univ.

TEXAS

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Spencer, H. C., A. & M. College.
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Miller, J. M., Rice Inst.
Pound, J. H., Rice Institute.
Ryon, L. B., Rice Inst.
Uhrig, L. V., Rice Inst.
Waters, J. S., Rice Inst.
White, W. E., Rice Inst.
Jefferson.—Braden, C.
Kingsville.—Peurifoy, R. L., College of Arts & Industries.
Lubbock.—Adams, O. V., Tech. College.
Boller, S. J., Tech. College.
Brandt, C. D., Tech. College.
Doughtie, V. L., Tech. College.
Godeke, H. F., Tech. College.
Grandy, L. S., Tech. College.

Hardgrave, J. C., Tech. College.
Helwig, W. F., Tech. College.
Lewis, R. E., Tech. College.
Miller, W. J., Tech. College.
Murdough, J. H., Tech. College.
Perryman, C. C., Tech. College.
Street, W. E., Tech. College.
Svensen, C. L., Tech. College.
Stephenville.—Doremus, H. C., Agrl. College.

UTAH

Logan.—Kepner, H. M., Agrl. College.
West, R. B., Agrl. College.
Salt Lake City.—Adams, T. C., Univ. of Utah.
Bacon, G. M., 86 B St.
Gibson, J. L., University of Utah.
Hogan, M. B., Univ. of Utah.
Ketchum, R. B., Univ. of Utah.
Lewis, R. S., Univ. of Utah.
Lyon, D. A., Univ. of Utah.
Merrill, Jos. F., 47 E. So. Temple St.
Taylor, A. L., 258 Univ. St.

VERMONT

Bellows Falls.—Ruggles, S. L.
Burlington.—Buchanan, R. O., Univ. of Vt.
Bullard, J. A., Univ. of Vt.
Butterfield, A. D., Univ. of Vt.
Dickinson, L. P., Univ. of Vt.
Eckhardt, G. F., Univ. of Vt.
Fulton, W. T., Univ. of Vt.
Lucarini, G. B., Univ. of Vt.
Millington, H. G., Univ. of Vt.
Puffer, L. B., Univ. of Vt.
Shorey, L. F., Univ. of Vt.
Thomas, Evan, Univ. of Vt.
Northfield.—Dix, L. E., Norwich Univ.
Emerson, W. D., Norwich Univ.
Winslow, A. E., Norwich Univ.
North Ferrisburg.—Breckenridge, L. P., The Brackens.

VIRGINIA

Blacksburg.—Barlow, W. E., Poly. Inst.
Begg, R. B. H., Poly. Inst.
Castleman, J. R., Poly. Inst.
Conner, N. W., Poly. Inst.
De La Barre, C. F., Poly. Inst.
Ellis, W. T., Poly. Inst.
Grenoble, H. S., Poly. Inst.
Jones, J. B., Poly. Inst.
Newman, C. M., Poly. Inst.
Norris, E. B., Poly. Inst.
Norton, P. T., Poly. Inst.
O'Shaughnessy, Louis, Poly. Inst.
Pritchard, S. R., Poly. Inst.
Rasche, W. H., Poly. Inst.
Sette, F. J., Poly. Inst.
Clarendon.—Stocking, E. J., 52 Marion Ave.
Hopewell.—McCann, W. R.
Lexington.—Anderson, J. A., Military Inst.
Anderson, S. W., Military Inst.
Heflin, S. M., Military Institute.
Houston, Hale, Box 422.
Mallory, Francis, Military Inst.
Purdie, K. S., Military Inst.
Trinkle, R. J., Military Inst.
Newport News.—Bailey, C. F.
University.—Bird, R. M., Univ. of Va.
Brown, F. L., Univ. of Va.
Daniel, C. M., Univ. of Va.
Henderson, C., Univ. of Va.
Hesse, H. C., Univ. of Va.
Johnson, H. P., Univ. of Va.
Macconochie, A. F., Univ. of Va.
Miller, Jas. S., Univ. of Va.
Newcomb, J. L., Univ. of Va.
Oglesby, E. J., Univ. of Va.
Rodman, W. S., Univ. of Va.
Snavely, T. R., Univ. of Va.
Vaughan, J. L., Univ. of Va.

WASHINGTON

Pullman.—Abell, A. C., State College.
Candee, F. W., State College.
Carpenter, H. V., State College.
Drucker, A. E., State College.
Parker, E. B., State College.
Phelps, H. E., State College.
Sloan, R. D., State College.
Snyder, M. K., State College.
Welch, F. W., State College.
Seattle.—Chittenden, H. M., Univ. of Wash.
Collier, I. L., Univ. of Wash.
Daniels, Joseph, Univ. of Wash.
Farquharson, F. B., Univ. of Wash.
Hall, Amy V., Univ. of Wash.
Hawthorn, G. E., Univ. of Wash.
Magnusson, C. E., Univ. of Wash.
Miller, A. L., Univ. of Wash.
More, C. C., Univ. of Wash.
Roberts, Milnor, Univ. of Wash.
Tyler, R. G., Univ. of Wash.
Tymstra, S. R., Univ. of Wash.
Warner, F. M., Univ. of Wash.
Wilcox, E. R., Univ. of Wash.
Wilson, Geo. S., Univ. of Wash.
Winslow, A. M., Univ. of Wash.
Yakima.—Richter, A. W., Price Mfg. Co.

West Virginia

Huntington.—Bragonier, A. T., Marshall College.
Montgomery.—Raub, L. G.
Morgantown.—Amidon, L. L., W. Va. Univ.
Boomsliter, G. P., W. Va. Univ.
Gill, J. H., W. Va. Univ.
Grow, G. W., W. Va. Univ.
Hayes, L. D., W. Va. Univ.
Hodge, W. W., W. Va., Univ.
Jones, C. R., W. Va. Univ.
Lawall, C. E., W. Va. Univ.
Maclin, E. S., W. Va. Univ.
White, B. S., W. Va. Univ.

WISCONSIN

Appleton.—Trezise, F. W., Lawrence College.

Madison.—Bennett, Edw., Univ. of Wis.
Dawson, F. M., Univ. of Wis.
Dorrans, J. M., Univ. of Wis.
Elliott, Benj. G., Univ. of Wis.
Hansen, E. T., Univ. of Wis.
Hartenberg, R. S., Univ. of Wis.
Hougen, O. A., Univ. of Wis.
Hylan, P. H., Univ. of Wis.
Janda, H. F., Univ. of Wis.
Jansky, C. M., Univ. of Wis.
Kommers, J. B., Univ. of Wis.
Kowalke, Otto L., Univ. of Wis.
Larson, G. L., Univ. of Wis.
March, H. W., Univ. of Wis.
Maurer, E. R., Univ. of Wis.
Mead, D. W., Univ. of Wis.
Millar, A. V., Univ. of Wis.
Nelson, D. W., Univ. of Wis.
Orth, H. D., Univ. of Wis.
Owen, R. S., Univ. of Wis.
Price, J. R., Univ. of Wis.
Puerner, R. E., Univ. of Wis.
Pulver, H. E., Univ. of Wis.
Ragatz, R. A., Univ. of Wis.
Roark, R. J., Univ. of Wis.
Tracy, G. F., Univ. of Wis.
Turneaure, F. E., Univ. of Wis.
Van Hagan, L. F., Univ. of Wis.
Watson, J. W., Univ. of Wis.
Watts, O. P., Univ. of Wis.
Wendt, K. F., Univ. of Wis.
Wilson, G. C., Univ. of Wis.
Wilson, L. A., Univ. of Wis.
Withey, M. O., Univ. of Wis.
Milwaukee.—Baldwin, L. S., 619 State St.
Bliss, W. D., Tool Co.
Day, H. P., 1516 N. 53d St.
Douglas, J. F. H., Marquette Univ.
Frank, E. D. A., 1714 N. Prospect Ave.
Kartak, F. A., Marquette Univ.
Krotzer, F. W., 442 Greenwich Ave.
Scrimshaw, S., Marquette Univ.
Wiepking, C. A., 3501 Clybourn St.
Oshkosh.—Grant, R. J., Teachers College.
Walsh, F. W., Teachers College.

WYOMING

Caspar.—Purcell, C. G.
Laramie.—Dart, A. C., Univ. of Wyo.
Goodrich, R. D., Univ of Wyo.
Guiteras, J. R., Univ. of Wyo.
Rhoads, R. L., Univ. of Wyo.
Sechrist, G. H., Univ. of Wyo.
Sink, R. S., Univ. of Wyo.
Trueblood, R. O., Univ. of Wyo.

BELGIUM

Ghent.—VanDen Meersche, A. J., Univ. of Ghent.

BRAZIL

Sao Paulo.—Freire, V. S., Poly. School.

CHINA

Shanghai.—Ely, J. A., St. John's Univ.
Tientsin.—Bouchard, Harry, Pei Yeng Univ.
Mao, T. E., Pei-Yang Univ.

ENGLAND

London.—Spooner, H. J., Poly. Sch. of Engineering.
Manchester.—Fleming, A. P. M., Metropolitan-Vickers Elec. Co.

FRANCE

Paris.—Hazeltine, L. A., 5 Square du Trocadero.
Reber, L. E., c/o National City Bank.

INDIA

Bombay.—Gokhale, G. V., C. E. College.
Jamshedpur.—Bose, S. N., Tata Co., Ltd.
Trichinopoly. — Ananthanarayanan, S., School of Civil Eng.

JAPAN

Tokyo.—Hirota, S., 22 Denyen-Chofu.

MEXICO

Mexico City.—Huacujo, F., Netzahualcoyotl 75.
Keller, W. A., Univ. of Mexico.
Tacubaya.—Bernard, M., Gelati 17.

POLAND

Lwow.—Aulich, W. M., Polytechnic.

RUSSIA

Leningrad.—Chatelain, M., Poly. Inst.

SPAIN

Madrid.—Navas, J. M., Po. del Prado 28.

SYRIA

Beirut.—Jurdak, M., American Univ.

TURKEY

Constantinople.—Murat, S., Robert College.
Scipio, L. A., Robert College.
Sheiry, E. S., Robert College.
Tubini, B. A., Robert College.
Wilsey, E. F., Robert College.

GROWTH OF MEMBERSHIP.

Aug.	20, 1894	156	
Sept.	2, 1895	184	
Aug.	20, 1896	200	(about)
Aug.	16, 1897	203	
Aug.	18, 1898	226	
Aug.	17, 1899	238	
July	2, 1900	249	
June	29, 1901	261	
June	27, 1902	253	
July	1, 1903	271	
Sept.	1, 1904	325	
June	28, 1905	379	
July	2, 1906	400	
July	1, 1907	415	
June	27, 1908	675	
June	24, 1909	759	
June	23, 1910	848	
June	27, 1911	1,071	
June,	1912	1,102	
June,	1913	1,158	
March,	1914	1,339	
July	1, 1915	1,452	
March,	1916	1,504	
March,	1917	1,505	
March,	1918	1,506	
April,	1920	1,511	
April,	1922	1,589	
March,	1923	1,694	
March,	1924	1,775	
March,	1926	1,988	
June,	1927	1,995	
May,	1928	2,025	
April,	1929	2,086	
Nov.,	1929	2,169	
Nov.	1, 1930	2,192	
Nov.	30, 1931	2,274	

Individual Members	2,274
Institutional Members	121
Total Membership	2,395

MEETINGS OF THE S. P. E. E.

1893, July 30–Aug. 5	Chicago, Ill.*	I. O. Baker, Univ. of Ill. (Chairman, Section E.)
1894, Aug. 20–22	Brooklyn Polytechnic Institute, Brooklyn, N. Y.	DeVolson Wood, Stevens Inst. of Technology.
1895, Sept. 2–4	Springfield, Mass.	G. F. Swain, Massachusetts Inst. of Technology.
1896, Aug. 20–22	Buffalo, N. Y.	Mansfield Merriman, Lehigh Univ.
1897, Aug. 16–18	University of Toronto, Toronto, Ontario.	H. T. Eddy, Univ. of Minn.
1898, Aug. 18–20	Boston, Mass.	J. B. Johnson, Wash. Univ., Missouri.
1899, Aug. 17–19	The Ohio State University, Columbus, O.	T. C. Mendenhall, Worcester Polytechnic Inst.
1900, July 2–3	Columbia University, New York City.	I. O. Baker, Univ. of Ill.
1901, June 29–July 2	Buffalo, N. Y.	F. O. Marvin, Univ. of Kans.
1902, June 27–28	Pittsburgh, Pa.	Robert Fletcher, Dartmouth College.
1903, July 1–3	Niagara Falls, N. Y.	C. M. Woodward, Wash. Univ., St. Louis.
1904, Sept. 1–3	St. Louis, Mo.	C. F. Allen, Mass. Inst. of Technology.
1905, June 28–29	Atlantic City, N. J.	F. W. McNair, Mich. Coll. of Mines.
1906, July 2–3	Cornell University, Ithaca, N. Y.	C. L. Crandall, Cornell Univ.
1907, July 1–3	Case School of Applied Science, Cleveland, O.	D. C. Jackson, M. I. T.
1908, June 24–27	Detroit, Mich.	Chas. S. Howe, Case School of Applied Science.
1909, June 24–26	Columbia University, New York City.	F. E. Turneaure, Univ. of Wis.
1910, June 23–25	University of Wisconsin, Madison, Wis.	H. S. Munroe, Columbia Univ.
1911, June 27–29	Carnegie Institute of Technology and the University of Pittsburgh, Pittsburgh, Pa.	A. N. Talbot, Univ. of Ill.
1912, June 26–29	M. I. T., Harvard and Wentworth, Boston Mass.	W. G. Raymond, Univ. of Iowa.
1913, June 24–26	University of Minnesota, Minneapolis, Minn.	W. T. Magruder, Ohio State Univ.
1914, June 23–26	Princeton University, Princeton, N. J.	G. C. Anthony, Tufts College, Mass.
1915, June 22–25	Iowa State College, Ames, Ia.	Anson Marston, Iowa State College.
1916, June 19–22	University of Virginia, University, Va.	H. S. Jacoby, Cornell Univ.
1917, July 6–7	Washington, D. C.	G. R. Chatburn, Univ. of Neb.
1918, June 26–29	Northwestern University, Evanston, Ill.	M. S. Ketchum, Univ. of Colo.

* Meeting of Section E, Engineering Education, of the World's Engineering Congress, at which the S. P. E. E. was organized.

1918, December 6–7 *	Cambridge, Mass.	J. F. Hayford, Northwestern University.
1919, June 25–28	Baltimore, Md.	J. F. Hayford, Northwestern University.
1920, June 29–July 2	University of Michigan, Ann Arbor, Mich	A. M. Greene, Jr., Rensselaer Polytechnic Inst.
1921, June 28–July 1	Yale University, New Haven, Conn.	M. E. Cooley, Univ. of Mich.
1922, June 20–23	University of Illinois, Urbana, Ill.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1923, June 20–23	Cornell University, Ithaca, N. Y.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1924, June 25–28	University of Colorado, Boulder, Colo.	P. F. Walker, Univ. of Kans.
1925, June 16–20	Union College, Schenectady, N. Y.	A. A. Potter, Purdue Univ.
1926, June 16–18	State University of Iowa, Iowa City, Ia.	G. B. Pegram, Columbia Univ.
1927, June 27–30	University of Maine, Orono, Maine.	O. M. Leland, Univ. of Minn.
1928, June 26–29	University of North Carolina, Chapel Hill, N. C.	R. L. Sackett, Penna. State College.
1929, June 19–21	The Ohio State University, Columbus, Ohio.	Dexter S. Kimball, Cornell University.
1930, June 26–28	Ecole Polytechnique, McGill University, Montreal, Canada.	R. I. Rees, American T. & T. Co.
1931, June 17–19	Purdue University, Lafayette, Ind.	H. S. Boardman, University of Maine.
1932, June 29, 30–July 1	Oregon State College, Corvallis, Ore.	H. S. Evans, University of Colorado.

* Joint Meeting with the British Educational Mission to the United States. The meeting was called at the request of the Committee on International Relations of the American Council on Education.

ADMINISTRATIVE

EDUCATIONAL

Akeley, L. E.
Alexander, M. W.
Anderson, D. S.
Anthony, G. C.
Appleby, W. R.
Arduser, L. P.
Armsby, H. H.
Ayer, F. E.

Bacon, G. P.
Baker, T. S.
Barker, J. W.
Barney, E. S.
Barrett, S. K.
Bauer, W. C.
Benedict, H. Y.
Bernard, Miguel
Biegler, P. S.
Bishop, F. L.
Bissell, G. W.
Bliss, C. P.
Boardman, H. S.
Bolton, F. C.
Bowman, John G.
Boyer, Aurelien
Brigman, B. M.
Brittain, M. L.
Brock, R. W.
Brodhead, J. A.
Brooks, J. P.
Bro. A. Leo
Bullock, W. E.
Burns, G. W.
Butler, G. M.
Butler, H. L.

Capen, S. P.
Carey, R. F.
Carpenter, D. E.
Carpenter, H. V.
Carter, C. C.
Case, G. W.
Chambliss, Hardee
Chandler, E. F.
Chatburn, G. R.
Clements, G. R.
Clifford, H. E.
Cloke, Paul
Cobleigh, W. M.
Coiston, A. L.
Compton, Karl T.
Coolbaugh, M. F.
Cooley, M. E.
Crawford, I. C.
Creamer, W. J.
Crothers, H. M.
Cullimore, A. R.

Daggett, P. H.
Davies, C. E.
Davis, G. J.
Davis, H. L.
Davis, H. N
Derleth, Chas.
Diederichs, Herman
Diemer, Hugo
Disque, R. C.
Distler, T. A.
Dobbs, F. E.
Dodge, H. L.
Dolve, R. M.
Donnell, P. S.
Dorroh, J. H.
Drucker, A. E.

Earle, Ralph
Earle, S. B.
Edmands, S. S.
Ell, Carl S.
Elliott, E. C.
Ely, John A.
Emerson, L. A.
Evans, F. H.
Evans, H. S.

Faig, J. T.
Farrell, F. D.
Felgar, J. H.
Fenton, C. L.
Ferguson, O. J.
Fernald, R. H.
Field, F.
Finch, J. W.
Fiske, D. L.
Flath, E. H.
Focke, T. M.
Frazer, John
Freeman, E. H.
Freeman, W. E.
Frigon, Augustin
Fulton, C. H.
Furman, F. D.

Gauger, A. W.
Gibson, J. L.
Giesecke, F. E.
Gilmour, W. A.
Gladney, T. G.
Gladson, W. N.
Gokhale, G. V.
Gough, A. C.
Graham, W. P.
Greene, A. M.
Grenoble, H. S.

Hammond, H. P.
Hance, J. H.
Hartman, F. M.
Haynes, Walter
Heald, H. T.
Henderson, J. A.
Henline, H. H.
Hewitt, C. E.
Hirota, S.
Hitchcock, E. A.
Holbrook, E. A.
Hollis, Ira N.
Holman, W. F.
Hoover, T. J.
Hotchkiss, W. O.
Houchens, J. M.
Howe, C. S.
Hoyt, L. B.
Hume, Alfred
Ihrig, R. M.

Jewett, A. C.
John, W. C.
Johndroe, S. G.
Johnson, C. A.
Jones, C. R.
Jones, W. B.
Jordan, H. H.

Kapp, C. A.
Kartak, F. A.
Kegerreis, Roy
Keller, A. R.
Keller, J. O.
Ketchum, M. S.
Ketchum, R. B.
Kiernan, C. J.
Kimball, D. S.
Koch, R. L.
Kolbe, P. R.

Langsdorf, A. S.
Lapham, J. R.
Lawall, C. E.
Lawrence, J. C.
Lawrence, R. E.
Leland, O. M.
Lester, O. C.
Lory, C. A.

Macarthur, J. R.
Mackenzie, C. J.
Magnusson, C. E.
Mann, C. R.
Mao, T. E.
Marsden, R. R.
Marston, Anson
Matheson, K. G.
McCabe, F. T.
McCaustland, E. J
McClelland, E. H.
Mees, C. L.
Meikle, G. S.
Merrill, G. A.
Merrill, J. F.
Millar, A. V.
Miller, W. J.
Mitchell, C. H.
Mitchell, Louis
Mitchell, W. A.
Moody, H. W.
Morgan, A. E.
Morgan, J. R.
Mott, W. E.
Moyer, J. A.
Murphy, L. J.

Nash, P. C.
Neal, Y. A.
Needy, John A.
Newcomb, J. L.
Nichols, M. E.
Nightingale, W. E.
Norman, J. W.
Norris, E. B.

O'Harra, C. C.

Pearson, R. A.
Pender, Harold
Penn, J. C.
Pettee, C. H.
Pettengill, T. E.
Potter, A. A.
Pratt, Charles
Prentice, D. B.
Puryear, Charles

Randall, J. A.
Raymond, H. M.
Reber, L. E.
Rew, Irwin
Rhoads, R. L.
Richards, C. R.
Richmond, A. P.
Robb, E. R.
Roberts, Milnor
Rogers, H. S.
Rood, James T.
Ross David E.
Rowe, J. E.
Russell, W. B.

Sackett, R. L.
Sadler, H. C.
Santo, J. H.
Schneider, Herman
Schuerman, W. H.
Scipio, L. C.
Seabury, G. T.
Seaton, R. A.
Sexton, F. H.
Shaad, G. C.
Shaw, H. B.
Short, R. L.
Sibley, F. H.
Skene, Frederick
Skiles, W. V.
Sloan, R. D.
Snow, C. H.
Sobey, Albert
Spahr, R. H.
Spencer, R. L.
Steiner, Fr.
Streubel, E. J.
Sullivan, G. L.

Taylor, T. U.
Thomson, F. A.
Thorogood, B. K.
Tryon, J. L.
Tudbury, C. W.
Turneaure, F. E.
Turnbull, J. M.
Turnbull, W. D.
Tyler, H. W.
Tyler, R. G.

VanLeer, B. R.
Veal, C. B.

Wales, R. L.
Walters, Raymond
Wallace, L. W.
Warren, C. H.
Weed, J. M.
Wells, E. H.
West, R. B.
White, R. A.
White, W. C.
Whited, E. W.
Whitehead, J. B.
Wickenden, W. E.
Williams, C. C.
Williston, A. L.
Wilmore, J. J.
Wilson, R. S. L.
Wing, F. H.
Winfry, R.
Wood, Ben D.

de Zafra, Carlos

INDUSTRIAL

Aldrich, W. S.
Alford, L. P.

Babbitt, A. B.
Bacon, G. M.
Bailey, C. F.
Bergen, H. B.
Bose, S. N.
Breedlove, L. B.
Brown, C. G.
Brown, G. C.
Brown, H. W.
Buck, A. M.

Carty, J. J.
Cloke, P. R.
Coburn, Theo.
Colby, W. C.
Coler, C. S.
Collyer, Norman
Cornell, M. L.
Crawford, D. F.
Crosby, L. S.
Crouch, C. H.

Day, Harold
DeLay, F. A.
Deller, R. A.
Dibert, H. M.
Dietz, J. W.
Donald, W. J.
Dooley, C. R.
Dowd, W. E.
Doyle, F. B.

Earle, Chester R.
Edgecomb, R. E.
Eshbach, Ovid W.

Fleming, A. P. M.
Flowers, A. E.
Foss, M. M.
Frampton, G. O.
Fry, T. C.

Gilchrist, J. F.
Griswold, R. G.

Hall, W. C.
Hamilton, E. P.
Hammond, John H.
Hanley, F. B.
Hannaford, E. S.
Haskell, L. S. J.
Hawkes, J. B.
Heany, A. G.
Heck, C. R.
Heffner, R. J.
Herington, G. B.
Herr, E. M.
Herrmann, R. R.
Hood, O. P.
Howard, Alan

Jackson, John P.
Jenkins, F. R.
Jewell, A. H.
Jewett, F. B.

Klopsteg, P. E.
Knowles, Morris

Lambert, L. S.
Lamble, J. S.
Lewisohn, Sam A.
Long, M. B.
Lyford, O. S.

MacNaughton, Jas.
Main, C. T.
Mansfield, E. S.
McClintic, H. H.
McIntyre, L. W.
Means, L. H.
Mills, John
Milton, T.
Morey, C. W.
Morris, H. M.
Morrow, L. W.
Morss, Everett

Nelson, W. M.
Nelson, W. P.
Newkirk, B. L.
Nordenholt, G. F.

Olsen, Tinius
Osborne, L. A.

Parker, J. C.
Pennock, G. A.
Perry, F. G.
Pfeif, G. H.
Pinney, J. C.
Porter, J. F.
Potts, Clyde
Purcell, C. G.

Quigley, L. V.

Rees, R. I.
Richter, A. W.
Ridd, S. J.
Robinson, M. B.
Rorty, M. C.
Rosing, A. S.
Rugg, W. S.
Ruggles, L. L.
Ruggles, S. L.

Schelkunoff, S. A.
Searles, C. L.
Shaw, R. P.
Skinkle, J. W.
Smythe, R. E.
Sprague, E. J.
Staley, A. C.
Stevens, A. C.
Stevenson, A. R.
Stillwell, L. B.
Stone, C. W.
Swartz, B. K.

Thomas, G. B.

Thompson, J. S.
Thomson, R. D.
Triest, R. M.
Trofimov, L. A.
Turley, O. J.

Wadsworth, J. E.
Wait, J. C.
Walker, Amasa
Weaver, L. H. A.
Weisiger, K.
Wells, A. E.
Weston, Edward
Wheatley, E. A.
Whitmore, R. D.
Wiley, W. O.
Wilson, F. W.

Zucrow, M. J.

AERONAUTICS

Bevan, Wm. A.
Blaisdell, A. H.

Daniel, C. M.

Foster, J. M.

Haskins, G. W.
Hoglund, G. O.

Klemin, Alexander

Merriam, K. G.

Schone, F. P.

Teichmann, F. K.

AGRICULTURAL ENGINEERING

Aitkenhead, Wm.
Ayres, Q. C.

Baird, R. W.
Beresford, H.
Boss, Wm.
Brackett, E. E.

Davidson, J. B.

Fenton, F. C.

Logan, C. A.

Marcellus, J. B.

Neal, J. H.

Roe, H. B.

Schwantes, A. J.
Scoates, D.
Stewart, E. A.

Walker, H. B.
White, H. B.
Wooley, J. C.
Zink, F. J.

ARCHITECTURE

Blakeslee, B. N.
Bradford, J. N.
Bragg, E. M.

Deneen, D. J.

Foster, W. A.

Harris, C. L.

Kimball, A. H.

Larkins, J. T.
Lindblad, A. F.

Mann, F. M.
Morgan, N. D.

Norton, P. W.

Palmer, C. E.

Stock, O. L.

Weigle, Paul
White, J. M.

ASTRONOMY

Boothroyd, S. L.

CERAMICS

Bole, G. A.

Carruthers, J. L.

Greaves-Walker, A. F.

Watts, A. S.

CHEMICAL ENGINEERING

Baker, C. P.
Bashioum, H. C.
Bentley, W. J.
Bradley, J. A.
Bray, John L.
Brown, W. F.

Carr, A. R.

Elgin, J. C.
Ernst, R. C.

Hodge, W. W.
Horton, P. M.
Hougen, O. A.
Hunt, L. W.

Jackson, D. D.
Jenness, L. C.
Jenness, L. G.

Kowalke, O. L.

Lorah, J. R.

Mann, C. A.
Mantell, C. L.
McCann, W. R.
McKee, R. H.
Montillon, G. H.
Montanna, R. E.
Morgan, J. J.

Newman, A. B.
Newton, R. H.

Ogburn, S. C.
Olsen, J. C.

Peffer, H. C.
Phillips, J. B.

Ragatz, R. A.
Rice, A. C.
Rogers, Allen

Salathe, Albert
Schuyler, W. H.
Shipman, F. M.
Shreve, R. Norris
Stewart, V. T.
Strahan, S. A. S.

Vilbrandt, F. C.

Watts, O. P.
White, A. H.
White, John
Withrow, J. R.
Work, L. T.

Zuffanti, S.

CHEMISTRY

Backer, L. H.
Ball, T. B.
Bartow, Edward
Baxter, R. A.
Bird, R. M.
Bivins, C. E.
Bond, G. W.
Brann, B. F.
Brautlecht, C. A.
Bray, P. D.

Cady, L. C.
Caulfield, J. G. L.
Chandlee, G. C.

Degler, H. E.
Durkee, F. W.

Ebaugh, W. C.

Fay, I. W.
Feusse, E. G.

Geiger, I. W.
Gray, J. C.

Harding, E. P.
Heisig, G. B.
Homberger, A. W.

James, J. H.
Johnson, F. M. G.

Karsten, A.
Keyes, D. B.

Margolis, Jos.

Newman, D. A.

Pond, F. J.

Schommer, J. J.

Ullman, H. M.

Veazey, W. R.
Von Ende, C. L.

Wilson, R. N.

Yates, J. A.

CIVIL ENGINEERING

Abbott, Robinson
Adams, O. V.
Agg, T. R.
Allen, Chester
Allen, C. Frank
Allen, C. M.
Allison, W. H.
Alvord, Henry B.
Anderson, James A.
Andrews, C. B.

Babcock, John B.
Baird, Charles O.
Bantel, E. C. H.
Barnes, F. A.
Barney, S. E.
Barron, A. C.
Barrows, H. K.
Barton, W. H.
Bass, Frederic
Bates, Onward
Beebe, G. A.
Beggs, R. B. H.
Beggs, G. E.
Belz, C. J.
Bergman, Elmer O.
Berry, E. F.
Berry, H. C.
Beyer, A. H.
Bird, H. C.
Bishop, C. T.
Blossom, Francis
Boardman, H. P.
Boase, A. J.
Bohl, Leighton
Boon, Leonard F.
Borgquist, E. S.
Bouchard, Harry
Bowler, Edmond W.
Bowman, Harry L.
Boyd, Alfred
Bragonier, A. T.
Brandes, Fred C.
Breed, C. B.
Brinker, R. C.
Brooks, John F.
Brown, C. C.
Brumfield, R. C.
Bulger, John W.
Burden, Harry P.
Burger, W. H.
Burr, Wm. H.
Butler, Joe B.

Callan, J. A. C.
Carpenter, L. G.
Carter, Harold S.
Carter, Ike N.
Cary, Edward R.
Caughey, R. A.
Circé, A. deL.
Cissel, J. H.
Clarke, Elwyn L.
Clutz, Frank H.
Codwise, Henry R.
Collier, Ira L.
Conner, S. L.
Conrad, L. E.
Constant, F. H.
Converse, F. J.
Conwell, W. L.
Coolidge, W. A.
Costa, J. J.
Crane, Theodore
Crawford, W. W.
Critchfield, C. L.
Crosby, W. W.
Cross, Hardy
Cummings, H. N.
Curfman, L. E.
Cutler, A. S.

Dake, E. D.
Davis, R. E.
Denue, W. R.
Derby, Frank H.
Derickson, Donald
Diefendorf, Adelbert
Dodds, J. S.
Doland, J. J.
Doremus, Hal C.
Doty, L. D.
Douglas, E. C.
Douglas, Malcolm S.
Downing, L. K.
Downing, Roderick
Drum, Martin L.
Duckering, W. E.
Dunstan, G. H.
DuPlantier, D. A.
Durst, Ross C.

Eastman, Robert F.
Eckel, C. L.
Eckhard, G. F.
Eddy, C. L.
Edgar, R. F.
Elbin, Guy H.
Emmons, W. J.
Eno, F. H.
Evans, Weston S.
Evinger, M. I.

Farnham, C. S.
Farquharson, F. B.
Felker, Everett J.
Finch, James K.
Fish, J. C. L.
Fitterer, J. C.
Flanders, R. L.
Fleming, Robins
Foss, F. E.
Fox, Fred H.
Frazier, F. F.
Freel, W. I.
French, A. W.
French, Owen B.
French, R. D.
Fuller, A. H.
Furr, M. W.

Gardner, R. A.
Garman, H. O.
Garran, F. W.
Garst, H. O.
Gehrig, A. G.
Gilkey, Herbert J.
Gilmore, David P.
Glenn, H. E.
Goodrich, E. A.
Goodrich, R. D.
Gram, L. M.
Gramstorff, Emil A.
Grandlienard, E. T.
Grant, Eugene L.
Greenshields, B. D.
Greve, F. W.
Griffith, D. M.
Griffith, J. R.
Grinter, L. E.

Haertlein, A.
Hales, V. D.
Hall, R. A.
Hall, W. H.
Hanson, T. C.
Harding, G. H.
Harkness, D. H.
Harris, Walter B.
Hatt, W. K.
Hawthorn, G. E.
Heck, Nicholas H.
Hendrick, T. K.
Hickerson, T. F.
Hill, J. E.
Hoad, W. C.
Hoadley, A.
Holcomb, G. W.
Holden, C. A.
Holmberg, Carl H.
Holt, A. H.
Hooper, E. G.
Hoskins, L. M.
Hosmer, Geo. L.
House, E. B.
Houston, Hale
Howard, J. W.
Howe, Jerome W.
Howland, Warren E.
Hughes, C. A.
Huntington, W. C.
Hyde, A. L.

Ingram, E. L.

Jacoby, H. S.
Jamieson, R. E.
Janda, H. F.
Janssen, A. S.
Jett, D. B.
Johnson, A. R.
Johnson, C. C.
Johnson, L. J.
Jones, J. O.

Keim, P. F.
Kelton, Frank C.
Kennard, H. J.
Kerekes, F.
Kepner, H. R.
Kesner, H. J.
King, E. E.
King, H. W.
Kittredge, Ray B.
Klingler, W. W.
Klotz, Fred
Knight, Arthur J.
Krefield, W. J.

Lambert, B. J.
Leavitt, Harold W.
Lefavour, Roland W.

Lendall, H. N.
Leonard, S. J.
Lilly, S. B.
Loebs, E. M.
Lohr, W. S.
Lommel, George E.
Lowe, T. M.
Luther, H. B.

MacDonald, John
Mahone, L. W.
Maney, G. A.
Marin, Jos.
Marker, J. R.
Marx, C. D.
Matheson, Ernest G.
Matlock, J. R.
McCandliss, L. C.
McCormick, R. L.
McCullough, F. M.
McIntosh, W. R.
McKibben, F. P.
McLaurin, Banks
McLoughlin, F. O. X.
Merryfield, Fred.
Meserve, G. H.
Mickey, Clark E.
Miller, A. L.
Miller, Hugh
Minshall, Robert E.
Mockmore, C. A.
Moore, G. R.
Moots, E. E.
More, Chas. C.
Morris, C. T.
Morrison, I. F.
Morrison, Roger L.
Morse, R. F.
Moser, Chas.
Mota, C. C.
Moyer, R. A.
Munson, T. A.
Murdough, J. H.
Murphy, Glenn

Nagler, F. A.
Neff, F. H.
Nesbitt, Russell B.
Nygard, Eric

O'Connell, D. J.
Oliver, W. A.
Orbeck, M. J.
Orr, J. A.
Ostrander, J. E.
Owen, Ray S.

Palsgrove, Grant K.
Park, J. C.
Patten, W. E.
Paustian, R. G.
Payrow, H. G.
Perry, John E.
Perry, Lynn
Peterson, F. G. E.
Petty, Benjamin H.
Peuriqoy, R. L.
Phelps, H. E.
Plummer, F. L.
Pond, M. A.
Porter, Dwight
Prior, John C.
Probst, Emil
Puffer, Louis B.
Pulver, H. E.
Pyle, H. G.

Rader, Lloyd F.
Rathbun, John C.
Raymond, A. T.
Rayner, Wm. H.
Reed, Percy L.
Reen, Calvin G.
Rhodes, Leland S.
Rice, H. A.
Richey, J. J.
Richmond, A. E.
Riggs, H. E.
Robbins, A. G.
Rockwell, E. H.
Rodhouse, T. J.
Roehrig, G. F.
Rogers, C. E.
Rubey, H. K.
Russell, Frank A.
Ryon, Lewis B.

Sadler, Walter C.
Sarason, Samuel D.
Saxton, Ren G.
Schad, Bernard T.
Scheve, C. J.
Schwarze, C. T.
Shank, Jacob R.
Shattuck, H. B.
Shedd, Thomas C.
Sheiry, E. S.
Sherlock, Robert H.
Sherman, C. E.
Slantz, F. W.
Slaymaker, R. R.
Sloane, R. C.
Smith, F. M.
Smith, J. Hammond
Smith, W. Sherman
Snow, F. C.
Snyder, M. K.
Spencer, W. R.
Spoffard, C. M.
Sprague, Embert H.
Squire, E. J.
Stanton, Chas. B.
Stapley, Edward R.
Steinman, D. B.
Stephenson, L. D.
Stephenson, S. A.
Stewart, L. B.
Stewart, L. O.
Stocker, George P.
Stocking, E. J.
Stone, E. A.
Sutherland, Hale
Suttle, R. H.
Sweetser, E. O.

Taylor, Herbert F.
Taylor, W. C.
Terrell, Daniel V.
Thoman, W. H.
Thomas, Earl C.
Thomas, Franklin
Thomas, H. A.
Thompson, G. S.
Thoroughgood, R. W.
Timby, E. K.
Todd, Marion W.
Tracy, J. C.
Trezise, F. W.
Trowbridge, D. S.
Turner, D. L.
Tymstra, S. R.
Tyrrell, H. G.

Uhrig, L. V.
Underwood, P. H.

Van Hagan, L. F.
Van Ornum, J. L.
Vawter, Jamison

Waddell, J. A. L.
Walton, G.
Ward, G. C.
Ward, Samuel
Waterman, I. F.
Watwood, V. B.
Weaver, Frederic N.
Wegner, W. W.
Weiss, Camillo
Welch, Frederic W.
Wells, Melville B.
Wendt, W. B.
West, F. L.
West, G. Alvin
Wheeler, William H.
Whelan, D. E.
White, C. L.
White, Leon V.
White, W. E.
Whitehead, L. W.
Wilcox, Elgin R.
Williams, S. N.
Williams, W. S.
Wilson, Wilbur M.
Winslow, A. E.
Wisler, C. O.
Witmer, Francis P.
Wolfard, N. E.
Wood, F. M.
Wright, Edwin H.
Wu, Ng Chee

Young, C. R.

Zelner, O. S.

ECONOMICS

Bradfield, L. R.

Haygood, T. F.

Filipetti, Geo.

McKenry, Nell

O'Hara, J. L.

Pollay, F. J.

Roloff, W. E.

Scherger, G. L.
Snavely, T. R.

Tucker, D. S.

ELECTRICAL ENGINEERING

Abbott, T. A.
Adams, C. A.
Adams, F. J.
Ahlquist, R. W.
Albert, A. L.
Alger, Philip L.
Anderson, C. A.
Anderson, H. W.
Anderson, Stewart
Anderson, Wm.
Arnold, Bion J.
Arnold, James L.
Attwood, S. S.
Axman, Ernest

Bailey, B. F.
Ball, T. F.
Balmford, J. A.
Bangratz, Ernest G.
Barnett, B.
Barrows, W. E.
Bason, G. F.
Batchelder, D. E.
Baum, Harry
Beach, Robin
Beaver, J. L.
Beck, F. J.
Beck, L. E.
Bennett, C. E.
Bennett, Edward
Berg, E. J.
Bibber, Harold W.
Blalock, Grover C.
Boring, Maynard M.
Bowman, J. H.
Brackett, B. B.
Brenneman, J. L.
Bristol, F. J.
Brooks, Morgan
Brown, A. S.
Brown, H. A.
Brown, Wesley B.
Browne, Wm. Hand
Bryant, J. M.
Buchanan, Roy O.
Bureau, E. A.
Burkhart, Paul H.
Bush, Vannevar

Caldwell, F. C.
Campbell, Ivor S. C.
Canfield, Donald T.
Campos, Raul
Canavaciol, F. E.
Carr, Clifford, C.
Caverley, L. C.
Chatelain, Mikael
Cherry, F. H.
Clark, Edwin E.
Clark, J. C.
Coleman, J. B.
Conrad, A. G.
Cook, A. L.
Coover, M. S.
Corcoran, George F.
Correll, J. A.
Cosandey, C. J.
Creager, Paul S.
Curry, W. A.
Curtner, D. L.

Daniloff, M.
Dates, H. B.
Davis, W. C.
Dawes, C. L.
Dawes, Lyman M.
Dearborn, R. H.
Dennison, B. C.
Dickinson, L. P.
Dillingham, H. C.
Doane, S. E.
Doggett, L. A.
Doherty, R. E.
Douglas, J. A.
Douglas, J. F. H.
Dow, W. G.
Dudley, A. M.
Duffey, C. F.
DuVall, W. Clifton
Dyche, H. E.

Edison, Oskar E.
Emrick, Paul S.
Entwistle, J. L.
Everitt, W. L.
Ewing, D. D.

Fairburn, A. J. B.
Farrar, C. L.
Fife, S. T.
Fish, F. A.
Fishman, S.
Fitzgerald, T. W.
Foltz, L. S.
Foster, E. S.
Fouraker, Leroy L.
Fouraker, R. S.
Fox, L. H.
Frame, Floyd H.
Frazier, R. H.
Fuller, L. F.
Fussell, Lewis

Gamble, W. H.
George, Robert B.
Gorham, R. C.
Govier, C. E.
Grandy, L. S.
Gus, Charles E.

Hale, R. S.
Hall, Wesley B.
Halligan, Clair W.
Harding, C. F.
Hartig, H. E.
Hehre, Fred W.
Helwig, W. F.
Hershey, A. W.
Hessler, V. P.
Higbie, H. H.
Hill, A. S.
Hinckley, A. D.
Hitchcock, Leon W.
Holmes, W. M.
Hoover, P. L.
Howard, Paul F.
Hull, R. H.
Humphrey, H. K.
Humphries, P. H.
Hunt, O. D.

Irland, G. A.

Jackson, D. C.
Jackson, D. C., Jr.
Jacobus, D. S.
Jansky, Cyril M.
Jenkins, D. R.
Jenkins, H. M.
Johnson, Elmer W.
Johnson, F. Ellis
Johnson, J. Hugo
Johnson, W. D.
Jordan, Henry G.
Jorgenson, L. M.

Kahn, Louis
Kammerman, J. O.
Keller, William A.
Kennelly, A. E.
Kenrick, G. W.
Kent, J. M.
Kerchner, Russell M.
Kimberly, E. E.
King, Morland
Kinney, Edward E.
Kinsloe, Charles L.
Kloeffler, Royce G.
Knight, A. R.
Knight, C. D.
Knipmeyer, C. C.
Koerber, G. A.
Krausnick, W.
Krewatch, A. V.
Kuhlman, J. H.
Kurtz, E. B.

Lanier, A. C.
Laning, W. A.
Lansil, Clifford E.
Lawrence, R. R.
Laws, F. A.
Lefebvre, Olivier O.
Lincoln, P. M.
Little, Arlington P.
Lloyd, T. C.
Lovell, Alfred H.
Lovett, I. H.

MacKavanagh, T. J.
Macomber, G. S.
Marchant, G. B.
Markle, David L.
Markle, E. W.
Maxfield, Harold A.
Maylott, C. F.
McClain, F. H.
McIlhenny, I. F.
McNamara, F. T.
McNeely, John K.
Meserve, W. E.
Metzenheim, Henry H.
Miller, Harry P.
Miller, J. B.
Miller, J. S.
Mills, George H.
Moore, Arthur D.
Morecroft, J. H.
Morgan, T. H.
Moss, Sanford A.
Mueller, G. V.
Mulligan, J. E.
Munro, M. S.

Naeter, Albrecht
Nash, C. A.

Neitzert, Carl
Newell, Hobart H.
Nichols, B. H.
Nims, A. A.
Norcross, A. S.
Norris, Ferris W.
Norris, H. H.

O'Banion, A. L.
Osgood, Farley

Paine, Ellery B.
Palmer, C. C.
Pangborn, R. J.
Patterson, L. L.
Peet, J. C.
Pierce, C. A.
Poole, F. L.
Porter, Roland G.
Powell, Albert P.
Press, Abraham
Price, Harold W.
Price, John R.
Pritchard, S. R.
Puchstein, A. F.
Pullen, M. W.
Pumphrey, F. H.
Putnam, R. C.

Quinlan, R. E.

Ramirez, Javier P.
Ramsay, J. W.
Rappel, U. J.
Reynolds, E. E.
Reynolds, James A.
Rhodes, Sam R.
Rhodes, Walter K.
Rice, P. X.
Richardson, D. E.
Richardson, G. R.
Ricker, Claire W.
Rittenhouse, L. H.
Robb, Wm. L.
Roberts, Emerson B
Roberts, J. M.
Robertson, B. L.
Robinson, G. D.
Robinson, L. L.
Rode, N. F.
Rodman, W. S.
Rollins, E. B.
Rosebrugh, T. R.
Roters, H. C.
Rowell, L. D.
Roys, Carl S.
Rush, H. S.
Russell, Chester
Ryan, H. J.
Ryan, W. T.

Sabbagh, E. M.
Sailer, L. R.
Savant, D. P.
Schealer, S. R.
Scott, Charles F.
Sechrist, G. H.
Seeley, W. J.
Seyfert, S. S.
Shaffer, H. A.
Shepardson, J. E.
Sheppard, H. S.
Shorey, Lawrence F.
Slichter, W. I.
Slingerland, Sam.
Smith, H. B.
Smith, Paul C.
Smith, W. L.
Snow, John E.
Sorensen, R. W.
Springer, F. W.
Stavely, Earl B.
Stelzner, W. B.
Still, Alfred
Stockwell, F. C.
Stout, M. B.
Strom, A. P.
Swenson, G. W.

Tallman, F. H.
Tang, K. Y.
Tappan, F. G.
Terwilliger, C. V. O.
Thaler, J. A.
Tilghman, Harrison
Timbie, W. H.
Tingley, F. T.
Todd, M. E.
Tompkins, Fred. N.
Topping, A. N.
Towle, N. L.
Tracy, G. F.
Trinkle, Robert J.
Tubini, B. A.
Tucker, Carlton E.
Turner, C. A. P.
Turner, H. M.
Tuthill, John K.
Tykociner, J. T.

Upson, W. L.

Waddell, J. A. L.
Wadsworth, F. L. O.
Wallis, C. M.
Walter, Otto W.
Walther, John T.
Warner, Harry O.
Warner, Russell G.
Waters, J. S.
Watson, Arthur E.
Watson, J. W.
Weil, Jos.
Weinbach, M. P.
Weyl, Charles
Whipple, Clyde C.
Whipple, R. R.
Wildes, Karl L.
Willis, B. S.
Willson, F. G.
Wilson, A. M.
Winkfield, H. S.
Winkler, E. W.
Witham, R. L.
Wooster, L. F.
Work, William R.
Wright, D. H.

Zimmer, Albert R.

ENGINEERING DRAWING

Allen, Frank G.

Baldwin, O. J.
Barnard, N. H.
Berard, S. J.
Black, H. H.
Boller, S. J.
Bradley, H. C.
Brubaker, Wm. F.

Chillman, B. F.
Cleveland, L. F.
Cooper, C. D.
Coppersmith, C. W.
Crossman, Ralph S.

Eckle, J. N.

Fairbanks, O. W.
Farnham, W. E.
Fenwick, H. H.
Finch, F. R.
Frankland, Ed.
Freeman, M. L.
French, Thos. E.
French, R. W.
Frey, G. J.
Fry, H. P.

Gee, George B.
Gerardi, Jasper
Gleason, George S.
Goodrich, A. L.

Hall, S. G.
Hammond, R. J.
Harrington, T. H.
Heacock, Frank A.
Higbee, F. G.
Hoelscher, R. P.
Hood, Geo. J.
Horine, J. S.
Howe, L. B.

Jones, A. S.
Jorgensen, Albert

Kennedy, F. Lowell
Kirby, Richard S.
Kurzweil, A. C.

Landreau, Georges
Leighton, Arthur W.

Mann, Clair V.
Marsh, M. R.
Maxson, George R.
McCully, H. M.
Mitchell, Alva
Mock, C. O.
Morley, G. A.

Nettleton, E. B.
Nielsen, Paul
Ninde, Geo. F.
Nollau, L. E.
Nudd, Willard E.

Orth, H. D.
Otter, J. V.

Perryman, C. C.
Phelps, Guy M.
Poague, R. B.
Porter, F. M.
Potter, O. W.

Richmond, R. F.
Rising, J.

Russ, John M.

Salzer, G. W.
Sawyer, R. A.
Schumann, Charles H.
Smith, W. G.
Smuts, F. A.
Spencer, H. C.
Springer, C. H.
Steward, R. K.
Stewart, Earl H.
Stone, O. M.
Street, W. E.
Strong, A. J.
Svensen, C. L.

Tebo, F. A.
Thayer, H. R.
Thomas, A. L.
Tobias, A. L.
Townsend, C. E.
Tozer, E. F.

Vaughan, E. W.

Walker, E. S.
Walker, L. D.
Walsh, F. W.
Warner, F. M.
Wenk, Morris
Wilcox, A. C.
Williams, Owen E.
Wilson, E. R.

ENGLISH

Bennett, C. R.
Birk, W. Otto
Brackett, R. D.
Brown, C. A.

Creek, H. L.

Davis, H. W.
De La Barre, C. F.

Godfrey, W. P.
Grismer, F. A.

Hall, Amy V.
Hall, H. J.
Harbarger, S. A.
Harrison, T. P.
Howell, A. C.

Jamison, W. W.
Johnson, H. P.
Jones, W. P.

Lange, P. J. H.

McDonald, P. B.
McKee, J. H.

Nelson, J. R.
Newman, C. M.

Park, C. W.
Pearson, H. G.

Raw, Ruth M.
Raymond, F. N.
Raymond, W. R.

Scamman, W. F.
Schone, F. P.
Seaver, H. L.
Starbuck, Arward
Steele, R. R.
Summey, George
Sypherd, W. O.

Thompson, K. O.

Vaughan, J. L.

Whittemore, J. S.

FOREIGN LANGUAGES

Frey, Emil

Greiner, O. A.

Swanbeck, S. E.

INDUSTRIAL ENGINEERING

Ayars, W. S.

Bagley, J. B.
Baker, Ray P.
Barnes, R. M.
Billmyer, C. D.
Brill, P. B.
Bullinger, C. E.
Burley, J. W.
Buxton, G. F.

Furia, J. J.

Hallock, J. W.
Hart, S. T.
Hastings, H. B.
Hatfield, H. D.
Hockema, F. C.
Hunt, DeWitt

Ingalls, J. W.

Lee, M. A.
Lehoczky, P. N.
Lytle, C. W.

Maclin, E. S.
McDaniel, J. E.
McJoynt, T. L.

Norton, P. T.

Porter, D. B.

Rautenstrauch, W.
Reeves, E. H.
Rickly, O. D.
Rittman, W. F.
Roe, J. W.

Scott, L. C.
Scrimshaw, Stewart
Shepard, G. H.
Smith, E. D.
Swope, A.

Thuesen, H. G.

Wald, Arthur

Younger, John

MACHINE DESIGN

Archibald, Leon
Ault, E. S.
Autenrieth, G. C.

Bartlett, G. M.
Branigan, G. F.
Brattin, C. L.

Caywood, T. G.
Challender, R. T.

Dale, R. B.
Dunham, Heber
Durland, M. A.

Eggers, H. C. T.
Egry, C. Robert
Eldmann, F. L.

Field, L. N.
Fullan, M. T.

Gill, J. H.
Gleason, G. S.
Gray, H. C.
Grow, G. W.

Halliday, W. R.
Hayes, L. D.
Huacuja, F.
Hylan, P. H.

Immediato, G.

Jett, C. C.

Kirchner, W. H.
Klugh, W. W.

Langille, H. B.
Lee, F. H.
Lott, S. H.

Martenis, J. V. S.
Mayrose, H. E.
Miller, H. W.
Mitchell, Alva
Moffat, G. N.
Myers, H. D.

Navas, J. M.
Norman, C. A.

Peddle, J. B.
Perry, R. V.
Puerner, R. E.

Robert, J. M.
Rossmassler, Carl
Ryan, J. J.

Sahag, L. M.
Schuck, R. F.
Slaymaker, P. K.
Stewart, E. H.

Watts, E. F.
White, B. S.
Winston, S. E.

MATHEMATICS

Barker, C. L.
Benner, J. A.

Berry, W. J.
Brandberry, J. B.
Brenke, W. C.
Brooke, W. E.
Brown, E. C.
Bubb, F. W.
Butterfield, A. D.

Cherry, C. E.
Church, Earl
Comstock, C. E.
Corbin, C. E.
Cowles, W. H. H.
Crockett, C. W.

Dalaker, H. H.
Denton, W. W.
Dix, L. E.
Dostal, B. F.
Drummond, G. B.

Erskine, Harry

Fisher, H. A.
Fisher, James
Flowers, R. L.

Garcelon, W. R.
Gay, H. J.
Grummann, H. R.

Hanna, U. S.
Hansen, A. S.
Harter, G. A.
Haskins, E. E.
Hazard, C. T.
Hedrick, E. R.
Hertzler, E. A.
Hobbs, A. W.
Holder, F. J.
Hosford, H. M.
Hoy, E. A.
Hopkins, L. A.
Hunt, G. H.
Huntington, E. V.
Hutchinson, C. A.
Hyde, Emma

Jordan, H. E.
Jurdak, M.
Justin, E. M.

Keenan, E. C.
Kersten, H. J.
Kiefer, E. C.
Krathwohl, W. C.

Lehmann, C. H.
Leonard, H. B.
Lloyd, D. B.
Lindsay, F. B.
Lueth, I. B.
Lyons, W. H.

MacDonald, S. L.
Madigan, J. A.
March, H. W.
Marshall, Wm.
McMaster, A. S.
Middlemiss, R. R.
McClintock, W. M.
Miles, E. J.
Morley, R. K.
Murray, D. A.

Nelson, W. K.

Oglesby, E. J.
O'Shaughnessy, L.
Owens, F. W.

Pehrson, E. W.
Plant, L. C.
Purdie, K. S.

Reinsch, B. P.
Remick, B. L.
Reynolds, J. B.
Rice, Harris
Richardson, M. R.
Rietz, H. L.
Root, R. E.
Rose, F. O.
Rossell, H. E.
Running, T. R.

Sadowsky, M. A.
Sheldon, D. C.
Sheldon, E. W.
Siler, R. W.
Simester, J. H.
Siroky, Ed.
Slobin, H. L.
Solt, M. R.
Spear, Jos.
Stone, R. B.
Stout, C. E.
Swartzel, K. D.

Taylor, W. E.
Thomas, C. F.
Thomas, R. G.
Thompson, J. E.
Tolar, M. B.

Van Buskirk, H. C.

Weaver, J. H.
Webber, W. Paul
Weinberg, E. F.
Wells, E. D.
Wilbur, W. E.
Williams, F. W.

MECHANICAL ENGINEERING

Abell, A. C.
Alexander, W. T.
Allen, A. C.
Amidon, L. L.
Anderson, E.
Anderson, H. J.
Anderson, Robert M
Anthony, R. L.
Aulich, W. M.
Austin, W. H.

Baender, F. G.
Bailey, N. P.
Baker, Douglas
Baker, Ellis C.
Barba, C. E.
Barclay, S. D.
Barnard, W. N.
Bateman, George F.
Bauer, F. S.
Bauer, Paul
Beitler, Samuel R.

Berger, Frans A.
Berry, C. H.
Berry, Charles W.
Bigelow, R. G.
Billings, J. Harland
Bischof, G. J.
Blackburn, H. W.
Blake, Douglas
Bliss, William D.
Blumberg, Leo
Boardman, H. E.
Boelter, L. M. K.
Boggs, R. W.
Bourdelais, G. A.
Bourke, Norman
Bowman, H. T.
Brandt, C. D.
Brainard, Boyd B.
Breckenridge, L. P.
Brewer, A. V.
Bridge, L. R.
Brooks, J. Ansel
Brown, A. I.
Brown, L. T.
Brown, Ralph E.
Bruckner, Arthur
Brunton, L. J.
Buchanan, J. E.
Bucher, Paul
Bunting, A. E.
Burpee, F. F.
Bursley, J. A.
Butterfield, Thomas E.

Calderwood, Jas. P.
Cameron, Hugh
Camp, E. W.
Campbell, J. M.
Campbell, R. D.
Candee, F. W.
Carpenter, Edward L.
Carvin, Frank D.
Cheatham, J. C.
Childs, W. P.
Chiles, George S.
Christie, A. G.
Church, Edwin F.
Cleghorn, M. P.
Clouse, J. H.
Coahran, J. M.
Cole, Arthur W.
Conner, N. W.
Coogan, C. H.
Cooke, Morris L.
Coyle, J. L.
Craig, Dudley P.
Crain, L. D.
Crawford, Charles W.
Crofoot, George E.
Croft, H. O.
Cruickshank, Barton
Cruickshanks, B. C.
Culver, E. P.
Cushman, P. A.

Dana, W. J.
Daugherty, Robert L.
Davidson, M. W.
Davis, David E.
DeBaufre, Wm. L.
Dent, J. A.
Denton, F. W.
Devine, J. J.

Dirks, Henry B.
Dixon, Solon
Doll, Alfred W.
Domonoske, Arthur B.
Donovan, E. T.
Doolittle, J. S.
Dorrans, J. M.
Doughtie, V. L.
Dudley, Samuel W.
Dunkin, William V.
DuPriest, John R.
Durand, W. F.

Easton, W. H.
Eaton, P. B.
Ebaugh, N. C.
Eckhardt, C. J.
Edwards, Oliver C.
Edwards, W. W.
Egilsrud, F. S.
Ekstrand, K. H.
Elizondo, Y. A.
Ellenwood, F. O.
Elliott, Ben. G.
Ellis, W. T.
Emswiler, J. E.
Endsley, L. E.
Ernst, G. C.
Estep, Thos. G.
Everett, H. A.
Eyre, T. T.

Fabel, D. C.
Faires, Virgil M.
Fairfield, John G.
Farris, Marshall E.
Fernald, E. M.
Fernow, B. E.
Ferretti, Alfred J.
Fessenden, Charles H.
Fessenden, E. A.
Fielding, John
Fillmore, H. W.
Finnegan, Jos. B.
Fitts, Raymond U.
Fitzgerald, J. W.
Flinner, A. O.
Flodin, John
Ford, A. R.
Frank, E. D. A.
Fulton, W. T.

Gaines, Benjamin F.
Gallalee, J. M.
Garland, C. F.
Garman, Warren D.
Gaum, C. G.
Gauss, Henry F.
Gavett, Jos. W.
Gebhardt, G. F.
Geiger, John W.
George, V. C.
Getchell, E. L.
Gibbs, R. E.
Giltner, C. W.
Godeke, H. F.
Gray, E. S.
Green, Boynton M.
Gregory, W. B.
Griffin, Fred S.
Groat, B. F.
Grone, Edward A.
Gulick, Lee N.

Gummere, H. V.
Gwiazdowski, A. P.

Hafford, W. B.
Hall, Burrill R.
Hall, James A.
Haney, J. W.
Hansen, E. T.
Hardgrave, H. J.
Harlan, Orlan K.
Harper, A. C.
Harris, Harry E.
Hay, Earl D.
Hazeltine, L. A.
Head, Carl
Heck, Robert C. H.
Henderson, Charles
Henshaw, C. N.
Hesse, H. C.
Hixon, C. R.
Hoefer, E. G.
Hofmann, G. A.
Hogan, M. B.
Holland, U. C.
Holmes, A. G.
Hosted, E. G.
Hostetter, H. C.
Hotchkiss, C. H. B.
Howard, D.
Howe, E. D.
Howell, R. S.
Hughes, George G.
Hughes, T. P.
Hunter, J. A.
Hunter, J. W.
Huntly, P. C.
Husted, H. F.

Jablow, Charles
Jacklin, H. M.
James, Walter H.
Jensen, G. L.
Joerger, C. A.
Jones, J. B.
Judd, Horace

Karelitz, G. B.
Kavanaugh, Dennis
Kavanaugh, W. H.
Keator, F. W.
Keeler, Hugh E.
Keller, George J
Keller, John F.
Kemler, Emory
Kenerson, W. H.
Kent, Clarence H.
Kent, H. L.
Kiefer, P. J.
Kilpatrick, A. V.
King, G. C.
King, R. S.
Kistler, P. N.
Klein, A. W.
Knapp, W. A.
Knight, W. A.
Knowles, M. G.
Koenig, L. R.
Koepke, C. A.
Kolb, R. P.
Kopp, Chas. F.
Kunkle, G. M.

Lambertine, J. A.
Landreth, Olin H.

Larkin, F. V.
Larson, C. W.
Larson, G. L.
Laton, T. J.
LeConte, J. N.
Leonard, C. M.
Le Page, C. B.
Leutwiler, O. A.
Lewis, J. F.
Lewis, R. E.
Lichty, L. C.
Light, J. J.
Lindell, W. F.
Lloyd, Harold R.
Lockwood, H. J.
Lucarini, G. B.
Lucke, C. E.
Ludy, L. V.
Luebs, August A.
Lund, Jacob
Lyon, D. R.

Macconochie, A. F.
MacCullough, G. H.
Mack, A. J.
MacLean, Edward A.
MacNaughton, Edgar
Magruder, Wm. T.
Maleev, V. L.
Marks, L. S.
Marquis, F. W.
Martin, W. H.
Mason, H. Lea
Mason, H. W.
Mathews, R. T.
Matthews, J. J.
McCarter, W. W.
McKergow, C. M.
McKinnon, J. C.
Meeker, W. H.
Mehrhof, F. E.
Merrick, C. M.
Messersmith, C. W.
Miller, W. T.
Ming, Fred W.
Mitchell, G. I.
Moody, L. F.
Moore, E. R.
Morrill, J. B.
Morse, F. T.
Morse, J. L.
Morton, R. W.
Moyer, E. J.
Mudge, S. W.
Munro, R. J.
Murrie, J. L.

Nelson, D. W.
Newton, Guy D.
Norton, A. E.

O'Bannon, L. S.
O'Brien, A. V.
O'Brien, M. P.
Ohle, E. L.
Olson, O. A.

Paddock, R. G.
Palmer, H. K.
Park, C. F.
Parker, Eri B.
Parr, B. F.
Peck, J. S.

Peebles, J. C.
Pence, W. D.
Perkins, D. L.
Philbrick, H. S.
Phillips, M. C.
Plummer, F. B.
Porter, R. H.
Pound, J. H.
Prageman, I. H.
Price, L. C.
Prior, John A.

Quier, K. E.

Raber, B. F.
Randolph, James R.
Rasche, W. H.
Raub, J. W.
Reed, J. C.
Reed, K. W.
Reuling, W. E.
Rice, R. B.
Roberts, C. P.
Robertson, B. J.
Roesch, Daniel
Roemmele, H. F.
Ross, John A.
Rowley, F. B.
Roys, Francis W.
Rubenkoenig, Harry
Ryan, J. J.

Salma, E. A.
Sauers, John A.
Schmidt, E. C.
Schmidt, H. P.
Schrader, H. J.
Schroeder, W.
Schwartz, F. L.
Schweizer, Paul E.
Scofield, H. H.
Selvidge, R. W.
Setchell, Horace E.
Setchell, J. E.
Seward, H. L.
Shenk, D. H.
Shoop, C. F.
Short, B. E.
Shoudy, W. A.
Singer, F. L.
Sink, R. S.
Sjogren, C. A.
Sloane, Alvin
Sluss, A. H.
Smith, Earl B.
Smith, Ralph A.
Solberg, H. L.
Sorenson, A. E.
Sparrow, T. A.
Spooner, H. J.
Stearns, Fred A.
Stetson, George A.
Stevens, W. J.
Stewart, F. C.
Stewart, F. R.
Stinson, K. W.
Stolworthy, E. H.
Stuart, M. C.
Summers, R. E.
Sussdorf, E. L.
Sweetser, W. J.
Sweigert, R. L.

Taft, Theo. H.
Tait, R. S.
Taylor, A. L.
Thatcher, C. G.
Thornburg, M. L.
Thurston, E. D.
Tracy, S. J.
Trinks, W.
Trosper, Ralph
Trotter, R. A.
Trueblood, R. O.
Turnbull, W. F.
Tuve, Geo. L.

Upp, C. R.

Vallance, Alex
Van Dyke, J. R.
Vaughan, L. L.
Vedder, J. N.
Vose, F. H.

Walthers, H. V.
Washington, L.
Waters, E. O.
Watson, Harry D.
Weiland, W. F.
Wellman, B. L.
Wharton, J. R.
Willard, A. C.
Willey, E. C.
Willis, P. A.
Willmarth, E. H.
Wilson, B. J.
Wilson, G. C.
Wilson, G. S.
Wilson, L. A.
Wingren, R. M.
Winslow, A. M.
Wischmeyer, Carl
Wohlenberg, W. J.
Woods, B. M.
Wright, M. B.

Young, E. G.
Young, G. A.

Zarobsky, I. F.
Zeller, J. W.

MECHANICS AND MATERIALS

Adams, A. S.
Bliss, Z. R.
Boomsliter, G. P.
Booth, J. L.
Boyd, J. E.
Brown, F. L.
Bryans, W. R.
Bullard, J. A.

Chambers, S. D.
Cheek, F. J., Jr.
Churchill, H. D.
Clark, E. C.
Clark, L. W.
Coddington, E. F.
Comstock, E. H.
Conley, W. J.
Cornell, W. R.
Cox, W. J.
Curtis, D. D.
Cutshall, C. S.

Dana, F. C.
Danforth, R. H.
Dawley, E. R.
DeFoe, L. M.
Dietrich, J. J.
Draffin, J. O.
Duff, C. M.
Dukes, R. G.
Dyble, J. H.

Emerson, W. D.
Enger, M. L.
Ensign, N. E.
Ericksen, E. L.

Fairman, Seibert
Folk, S. B.
Frocht, M. M.
Fuller, C. E.

Garrett, S. S.
George, S. G.
Girvin, H. F.

Hartenberg, R. S.
Hartwich, F. C.
Hawkins, G. A.
Herrick, C. A.
Hinrichs, F. W.
Hoffman, J. D.
Holmes, F. E.
Howell, E. V.
Hudson, R. C.

Johnston, W. A.
Jones, F. E.

Kingman, E. D.
Koenitzer, L. H.
Kommers, J. B.

Laurson, P. G.
Leigh, C. W.

Maurer, E. R.
Mavis, F. T.
Merry, M. H.
Michel, Rudolph
Miller, F. E.
Moore, H. F.

Noble, P. M.

Olmstead, C. T.
Othus, J. C.
Ott, P. W.

Paul, C. E.
Pearce, C. E.
Pickett, Gerald
Poorman, A. P.
Posey, C. J.
Powell, R. W.
Priester, G. C.

Rettger, E. W.
Riggs, N. C.
Roark, R. J.
Robert, J. H.

Sanders, W. B.
Sayre, M. F.
Scholer, C. H.

Seely, F. B.
Siegel, Louis
Straub, L. G.
Swinton, R. S.

Taylor, Edw.
Thomas, Evan
Tilden, C. J.
Timoshenko, S.
Tucker, Leroy
Turner, W. P.

Van den Brock, J. A.

Wendt, K. F.
Wiepking, C. A.
Withey, M. O.
Wood, E. H.
Wood, H. W.
Wood, K. D.
Woodward, S. M.
Wunderlee, J. L.

METALLURGY

Barlow, W. E.
Boylston, H. M.

Carpenter, A. H.
Crouse, C. S.

Dart, A. C.
Demorest, D. J.

Francis, C. W.

Goodale, S. L.

Harder, O. E.

Kern, E. F.
Kinney, E. D.

Lyon, Dorsey A.

Manderfield, N. H.
Mathewson, C. H.

Palmer, H. A.

Sellers, G. A.
Stansfield, Alfred
Stoughton, Bradley

Witmer, L. F.

MINING AND GEOLOGY

Black, R. M.
Burt, E. A.

Callan, A. C.

Dake, C. L.
Daniels, Joseph
Dyer, F. C.

Ehle, Mark

Graton, L. C.
Grider, R. L.
Guiteras, J. R.

Haultain, H. E. T.

Jenkin, Anthony
Jones, J. C.

Lewis, R. S.
Locke, C. E.

McBride, W. G.
McCaughey, W. J.
McCullough, E. W.
McLaughlin, D. H.
Miller, B. L.
Munroe, H. S.

Nicholson, H. P.
Nold, H. E.

O'Rourke, E. V.

Parker, W. H.
Plank, W. B.

Serviss, F. L.

Underhill, James

Wagner, H. A.
Warner, R. K.

Young, C. M.

PHYSICS

Abbott, R. B.
Atkinson, A. A.

Ball, Albert
Bennett, D. M.
Bidwell, C. C.
Blake, F. C.
Bliss, H. H.
Bordner, E. R.
Bowersox, E. R.
Brightman, C. L.
Bro. Felix
Brown, F. L.
Brown, W. F.

Cooper, F. L.

Dahstedt, R. T.
Drisko, W. J.
Duff, A. M.
Dysart, P. M.
Elliott, D. S.
Entwisle, F. N.
Farnham, F. C.
Ferry, E. S.
Fraim, P. B.
Fry, H. M.

Grandy, M. B.
Grantham, G. E.

Hall, V. B.
Hamilton, J. O.
Hatch, F. M.
Hausmann, Erich
Hedrick, W. A.
Heflin, S. M.
Hodge, Percy
Hower, H. S.
Howitt, Nathan

Knipp, C. T.
Kovarik, A. F.

Lambe, E. P.

MacNutt, Barry
Mallory, Francis
McMurtray, H. D.
Merritt, H. W.
Miller, D. C.
Muncy, V. E.
Murat, S.

Norton, C. L.
Nyswander, R. E.

Owens, H. D.

Pegram, G. B.
Piper, F. F.
Porter, R. A.
Pupin, M. I.

Raub, L. G.
Rayl, F. V.

Severinghaus, W. L.
Sherman, G. W.
Silvey, O. W.
Slack, E. P.
Slack, F. G.
Smith, A. W.
Smith, T. T.
Spinney, L. B.
St. Peter, W. N.
Stempel, W. M.
Stewart, G. W.
Stewart, O. M.
Swaim, V. F.

Taylor, F. D.
Thomas, R. P.
Toole, C. E.

Wade, F. H.
Watson, C. G.
Weaver, R. C.
Wheeler, N. E.
White, M. W.
Wilcox, G. M.
Wilsey, E. F.
Woodrow, J. W.
Wright, W. R.

Young, L. H.

PSYCHOLOGY

Findley, W. G.

Jackson, J. P.

Magoun, F. A.

O'Connor, Johnson

Peterson, J. E.

Shaw, E. A.

Walters, J. E.

SANITARY ENGINEERING

Babbitt, Harold E.
Boyce, Earnest

Cleland, R. R.

Dawson, F. M.
Decker, A. J.

Fair, G. M.

Lafreniere, T. J.

Mead, D. W.

Saville, Thorndike
Sette, F. J.
Steel, E. W.

Talbot, A. N.

Walker, C. L.
Walker, E. D.
Waterman, E. L.
Wiley, R. B.

SHOP AND MECHANIC ARTS

Bean, H. E.

Boston, Orlan W.
Burley, J. W.

Carlson, W. W.
Copley, J. O.

Graham, E. C.
Grant, R. J.
Gregg, R. B.

Isenberg, D. A.

Jones, C. B.
Jones, E. C.

Lindley, R. W.

Nesbitt, R. E.

Shane, Adolph
Starr, C. J.
Steele, J. N.

Thomas, F. H.
Thomson, W. H.
Trueblood, R. B.

Van Gaasbeek, R. M.

Wendt, R. E.

SUMMER SCHOOLS FOR ENGINEERING TEACHERS.

HARRY P. HAMMOND, *Director.*

1927—Engineering Mechanics, Cornell University, and University of Wisconsin.

1928—Electrical Engineering, University of Pittsburgh, and Westinghouse E. & M. Company,
and
Physics, Massachusetts Institute of Technology.

1929—Mechanical Engineering, Purdue University.

1930—Civil Engineering, Yale University,
and
Engineering Drawing and Descriptive Geometry, Carnegie Institute of Technology.

1931—Chemical Engineering, University of Michigan,
and
Mathematics, University of Minnesota.

1932—Economics
and
English

CONSTITUTION.

ARTICLE I.

Name and Objects.

1. The name of this organization shall be the Society for the Promotion of Engineering Education.

2. The objects of this Society shall be the promotion of the highest ideals in the conduct of engineering education with respect to administration, curriculum, and teaching work, and the maintenance of a high professional standard among its members. The means to this end shall include educational research, the holding of meetings for the reading and the discussion of professional papers, and the publication of papers, discussions, and communications as may seem expedient.

ARTICLE II.

Membership.

Membership in the Society shall be of two general classes, Institutional and Individual.

Institutional members shall be educational institutions giving instruction in engineering. They shall be represented at all meetings of the Society or its divisions by regularly appointed delegates, one for each institutional member concerned.

Individual membership shall be of two classes, Active and Honorary. It shall comprise those persons who occupy or have occupied responsible positions in the work of engineering instruction, engineering practitioners, and other persons interested in engineering education.

Honorary members of the Society shall be such persons as may be recommended by unanimous vote of the Council in a letter ballot to be taken by the Secretary on the recommendation of twenty members of the Society in the manner provided hereinafter for proposals for individual members. Councilors not heard from within one month from the date of mailing the ballots will be counted in favor of the candidate. Honorary members shall not have the right to vote, shall not be eligible to office, and shall not be required to pay any fees or dues.

A member in good standing may become a life member, exempt from all future payments for dues, by a single payment of an amount equal to twenty times the annual dues. Such payments received by the Society shall be placed in a separate fund known as the Life Membership Fund. The interest earned on this fund shall be used as current income.

Individual members who have been in good standing for twenty-five

years, or more, and have retired from active professional life, or who have reached the age of 65 years, may be designated life members by a vote of the Council. Such members shall be exempt from the payment of dues thereafter.

The name of each candidate for active individual membership shall be proposed in writing to the Secretary by two members by whom the candidate is personally known. The proposal shall state the qualifications on which it is based. The name of a candidate for institutional membership shall be proposed by any member familiar with the work of the institution, on receipt of an application signed by a responsible officer thereof. An affirmative letter ballot of three-fourths of those members of the Council whose votes reach the Secretary within one month from the time of sending out the name of the candidate shall elect. Such letter ballot elections, occurring before February 1, shall be credited to the previous annual meeting and dues shall date from that time; elections occurring after February 1 shall be credited to the next annual meeting and the dues for the remainder of the year shall be one-half the annual dues.

ARTICLE III.

Dues.

1. There shall be no admission fee.
2. The annual dues shall be as stated in the By-Laws.
3. Dues are payable in advance at the time of the annual convention, and become delinquent at the end of the fiscal year for which they are assessed. Dues of new members are payable at the time of election, and become delinquent at the end of the fiscal year within which the members are elected.
4. Members in arrears one year shall be retained on the roll of the Society, but shall not receive publications until such time as all arrearages are paid. Members in arrears two years, and who have been duly notified by the Secretary, shall be dropped from the roll of the Society until such arrearages are paid. The Secretary shall notify all members in arrears one month previous to the close of the fiscal year. The fiscal year shall terminate on the thirtieth day of June.

ARTICLE IV.

Officers.

There shall be a President, two Vice-Presidents, a Secretary, and a Treasurer.

ARTICLE V.

Council.

1. The Council of the Society shall consist of twenty-one elective members, one third of whom shall retire annually, and the officers and the past presidents of the Society.

2. Any individual member of the Society shall be eligible to election to the Council, provided that not more than one elective member shall be from the faculty of any one institution.

ARTICLE VI.

Election of Officers and Members of the Council.

1. The officers and one third of the elective members of the Council shall be elected from the individual membership by ballot of the Society at the annual meeting.

2. There shall be a Nominating Committee consisting of the past presidents and the seven elective members of the Council retiring the following year, provided, however, that if, of this committee, the number in attendance at any meeting be less than five, the President shall make appointments so as to form a committee of five. The Committee shall report to the Society, at the business session provided therefor in the program, nominees for offices for the ensuing year, and for councilors for three years, and for less periods to fill vacancies that may occur.

ARTICLE VII.

Sections, Branches and Divisions.

1. A Section of the Society may be formed by members in two or more institutions, or by the members within a prescribed territory. A Section may be formed in any locality by a temporary organization which shall become a duly authorized section of the Society upon the approval of the Council. Sections may determine their own form of organization, but shall operate in conformity with the Constitution and the By-Laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Sections shall be self-sustaining.

2. A Branch may be formed in any institution by a temporary organization which shall become a duly authorized Branch of the Society upon approval by the Executive Committee. Branches may determine their own form of organization, but shall operate in conformity with the Constitution and the By-Laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Branches shall be self-sustaining.

Branches may coöperate with, or be a part of, other organizations having the same general purposes as this Society. The general purpose

of Branches is to extend the interest in, and the discussion of, questions relating to the teaching of engineering students and to bring to the Society at large, through its publications, the activities in all institutions that will be serviceable to the members of the Society.

3. Papers and discussions presented before Sections or Branches shall be the property of the Society and may be published as Society proceedings if authorized by the Publication Committee. Permission to publish elsewhere may be granted by the Council on condition that the Society receives proper credit.

4. When approved by the Council, Divisions may be formed by any group of members for the consideration of questions which relate particularly to that group.

ARTICLE VIII.

Meetings.

There shall be at least one annual meeting at such time and place as the Society at the preceding meeting, or the Council, if the Society does not act, may determine. There shall be sectional and branch meetings as the members of the different sections and branches may determine.

ARTICLE IX.

Publications.

1. The formal publications of the Society shall be a monthly journal to be published from September to June, inclusive, and a year book. The *Journal* shall contain the proceedings of the annual convention, and such other pertinent papers as may be submitted to, and approved by, the Publication Committee. A bound volume of the *Journal* for each current year shall constitute the *Proceedings* of the Society.

2. Each individual member, not in arrears, shall receive the *Journal*. Each institutional member shall be furnished with two copies of the *Journal* and two copies of the *Proceedings* of the Society.

Volumes of the *Proceedings* will be sold to members who subscribe for them at a cost to be determined each year by the Executive Committee. Subscriptions for the *Proceedings* must be received in advance by the Secretary on or before October 15 of each academic year.

ARTICLE X.

Amendments.

This Constitution may be amended by a two thirds vote of those present at any regular meeting of the Society, provided that all members have been notified of the proposed amendment by notices mailed from the Secretary's office at least 30 days prior to the regular meeting at

which action is had, and provided that the amendment shall have been approved by the Council by a two thirds vote of the members voting by letter or voice.

BY-LAWS OF THE SOCIETY AND RULES GOVERNING THE COUNCIL.

First. The officers of the Society shall constitute a committee to arrange for the annual meeting and to prepare a program for it.

Second. The President, the Secretary, and the Treasurer shall constitute an Executive Committee which shall have charge of all matters relating to the expenditure of money of the Society, the making of appropriations to committees and for other purposes, the making of contracts, the approval of bills, and also during the period between the meetings of the Council shall have charge of other business affairs of the Society.

Third. Expenditures of money may be made only in accordance with a definite appropriation or by direct vote of the Executive Committee.

Fourth. The annual dues shall be $5.00 for individual members, and $15.00 for institutional members.

Fifth. Reading of papers shall be limited to fifteen minutes each, or to such other time as may be designated by the Program Committee, and abstracts of papers of about three hundred words shall be printed when practicable, and distributed in advance to the members.

Sixth. The time occupied by each person in the extemporaneous discussion of any paper shall not exceed five minutes.

Seventh. The President, the Secretary, and the retiring president shall constitute a Publication Committee, of which the Secretary shall be chairman, to edit and to have charge of the publication of the monthly *Journal*.

Eighth. The subscription price of the *Journal* shall be three dollars per year, payable in advance.

Ninth. Additions or amendments may be made to these By-Laws at any regular meeting of the Society by a two thirds affirmative vote of the membership present at the business session, provided that the additions or amendments shall have been approved by a two thirds affirmative vote of the Council membership in attendance at the meeting, and shall have been recommended by that body for adoption.

PAST OFFICERS

Special Committee for Division E, Engineering Education, World's Engineering Congress, 1893.

IRA O. BAKER,* Chairman, HENRY T. EDDY,* Vice-Chairman,
WM. R. HOAG, Secretary, C. FRANK ALLEN, Sec'y, *pro tem.*,
MORTIMER E. COOLEY, SAMUEL W. STRATTON,*
STORM BULL.*

PRESIDENTS

DE VOLSON WOOD,* 1893–4, WM. G. RAYMOND,* 1911–12,
GEORGE F. SWAIN,* 1894–5, WM. T. MAGRUDER, 1912–13,
M. MERRIMAN,* 1895–6, G. C. ANTHONY, 1913–14,
HENRY T. EDDY,* 1896–7, ANSON MARSTON, 1914–15,
JOHN B. JOHNSON,* 1897–8, HENRY S. JACOBY, 1915–16,
T. C. MENDENHALL,* 1898–9, GEORGE R. CHATBURN, 1916–17,
IRA O. BAKER,* 1899–1900, MILO S. KETCHUM, 1917–18,
FRANK O. MARVIN,* 1900–1, JOHN F. HAYFORD,* 1918–19,
ROBERT FLETCHER, 1901–2, A. M. GREENE, JR., 1919–20,
CALVIN M. WOODWARD,* 1902–3, MORTIMER E. COOLEY, 1920–21,
C. FRANK ALLEN, 1903–4, C. F. SCOTT, 1921–22, 1922–23,
FRED W. McNAIR,* 1904–5, P. F. WALKER,* 1923–24,
CHARLES L. CRANDALL,* 1905–6, A. A. POTTER, 1924–25,
DUGALD C. JACKSON, 1906–7, G. B. PEGRAM, 1925–26,
CHARLES S. HOWE, 1907–8, O. M. LELAND, 1926–27,
FRED. E. TURNEAURE, 1908–9, R. L. SACKETT, 1927–28,
HENRY S. MUNROE, 1909–10, D. S. KIMBALL, 1928–29,
ARTHUR N. TALBOT, 1910–11, R. I. REES, 1929–30,
H. S. BOARDMAN, 1930–31.

VICE-PRESIDENTS

SAMUEL B. CHRISTY,* GEORGE F. SWAIN,* 1893–4,
ROBERT H. THURSTON,* FRANK O. MARVIN,* 1894–5,
FRANK O. MARVIN,* CADY STALEY, 1895–6,
JOHN GALBRAITH,* JOHN M. ORDWAY, 1896–7,
THOMAS C. MENDENHALL,* HARRY W. TYLER, 1897–8,
C. FRANK ALLEN, HENRY W. SPANGLER,* 1898–9,
ROBERT FLETCHER, CHARLES D. MARX, 1899–1900,
THOMAS GRAY,* ALBERT KINGSBURY, 1900–1,
STORM BULL,* CALVIN M. WOODWARD,* 1901–2,
JOHN J. FLATHER,* FRED W. McNAIR,* 1902–3,

* Deceased.

CHARLES L. CRANDALL,* JAMES C. NAGLE, 1903–4,
CLEMENT R. JONES, ELWOOD MEAD, 1904–5,
WILLIAM T. MAGRUDER, JOHN P. JACKSON, 1905–6,
R. C. CARPENTER, CHARLES S. HOWE, 1906–7,
CLARENCE A. WALDO, WILLIAM G. RAYMOND,* 1907–8,
MORTIMER E. COOLEY, OLIN H. LANDRETH, 1908–9,
ARTHUR N. TALBOT, ARTHUR L. WILLISTON, 1909–10,
MILO S. KETCHUM, WILLIAM KENT, 1910–11,
G. C. ANTHONY, F. B. GILBRETH,* 1911–12,
L. S. MARKS, F. W. SPERR,* 1912–13.
H. S. JACOBY, D. C. HUMPHREYS, 1913–14,
H. H. NORRIS, C. RUSS RICHARDS, 1914–15,
G. R. CHATBURN, F. H. CONSTANT, 1915–16,
HOLLIS GODFREY, WM. M. THORNTON, 1916–17,
JOHN F. HAYFORD,* IRA N. HOLLIS, 1917–18,
JOHN T. FAIG, E. R. MAURER, 1918–19,
A. A. POTTER, F. P. McKIBBEN, 1919–20,
T. U. TAYLOR, H. S. EVANS, 1920–21,
H. J. HUGHES,* E. J. McCAUSTLAND, 1921–22,
D. S. KIMBALL, F. G. HIGBEE, 1922–23,
H. S. BOARDMAN, O. J. FERGUSON, 1923–24,
R. S. KING, G. B. PEGRAM, 1924–25,
H. V. CARPENTER, F. P. McKIBBEN, 1925–26,
H. W. TYLER, W. S. RODMAN, 1926–27,
C. E. MAGNUSSON, THOS. E. FRENCH, 1927–28,
C. C. WILLIAMS, G. M. BRAUNE,* 1928–29,
E. A. HITCHCOCK, ED. BENNETT, 1929–30,
C. FRANCIS HARDING, R. A. SEATON, 1930–31.

TREASURERS

STORM BULL,* 1893–5,
JOHN J. FLATHER,* 1895–9,
CLARENCE A. WALDO, 1899–1902,
ARTHUR N. TALBOT, 1902–4,
FRED. P. SPALDING,* 1904–6,
ANSON MARSTON, 1906–7,
W. O. WILEY, 1907–.

SECRETARIES

JOHN B. JOHNSON,* 1893–5,
C. FRANK ALLEN, 1895–7,
ALBERT KINGSBURY, 1897–9,
EDGAR MARBURG,* 1899–1900,
HENRY S. JACOBY, 1900–2,
CLARENCE A. WALDO, 1902–4,
MILO S. KETCHUM, 1904–6,
WILLIAM T. MAGRUDER, 1906–7,
ARTHUR L. WILLISTON, 1907–9,
HENRY H. NORRIS, 1909–14,
F. L. BISHOP, 1914–.

ASSISTANT SECRETARIES

L. H. HARRIS,* 1914–8,
NELL McKENRY, 1918–.

* Deceased.

ELECTIVE MEMBERS OF PREVIOUS COUNCILS.

Terms of Office Expired in 1894.

M. E. Cooley, H. T. Eddy, W. F. M. Goss,
W. R. Hoag, S. W. Robinson,* H. W. Spangler.
R. H. Thurston.*

Terms of Office Expired in 1895.

H. T. Bovey,* W. H. Burr, O. H. Landreth,
Mansfield Merriman,* W. G. Raymond,* G. F. Swain,*
De Volson Wood.*

Terms of Office Expired in 1896.

I. O. Baker,* Storm Bull,* S. B. Christy,*
John Galbraith,* J. B. Johnson,* F. O. Marvin,*
C. D. Marx.

Terms of Office Expired in 1897.

H. T. Eddy,* J. J. Flather,* J. P. Jackson,
Albert Kingsbury, L. S. Randolph, S. W. Robinson,*
R. H. Thurston.*

Terms of Office Expired in 1898.

C. F. Allen, C. L. Mees, Mansfield Merriman,*
J. M. Ordway, W. G. Raymond,* Cady Staley,
R. S. Woodward.*

Terms of Office Expired in 1899.

Arthur Beardsley, Robert Fletcher, John Galbraith,*
William Kent,* T. C. Mendenhall,* W. H. Schuerman,
M. E. Wadsworth.*

Terms of Office Expired in 1900.

Storm Bull,* L. G. Carpenter, Albert Kingsbury,
F. O. Marvin, R. B. Owens, R. L. Sackett,
R. H. Thurston.*

Terms of Office Expired in 1901.

T. N. Drown,* M. A. Howe, I. N. Hollis,
Gaetano Lanza, P. C. Ricketts, R. G. Thomas,
C. M. Woodward,

Terms of Office Expired in 1902.

Brown Ayres, G. W. Bissell, J. J. Flather,*
W. T. Magruder, F. W. McNair,* J. M. Porter,
A. J. Wood.

Terms of Office Expired in 1903.

C. F. Allen, D. C. Jackson, N. C. Ricker,
J. P. Brooks, Edgar Marburg,* A. L. Williston
J. C. Nagle.

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* Deceased.

Terms of Office Expired in 1904.

W. F. M. Goss, Thomas Gray,* D. C. Humphreys,
O. H. Landreth, W. G. Raymond,* L. E. Reber,
L. S. Randolph.

Terms of Office Expired in 1905.

Wm. Esty,* L. J. Johnson, W. M. Towle,
H. S. Jacoby, Elwood Mead, J. L. Van Ornum,
Edward Orton, Jr.

Terms of Office Expired in 1906.

John Galbraith,* Charles S. Howe, Walter M. Riggs,*
Frederick P. Spalding,* Henry W. Spangler,* Fred. E. Turneaure,
Herman K. Vedder.

Terms of Office Expired in 1907.

Thomas Gray,* James C. Nagle, William G. Raymond,*
Louis E. Reber, Arthur N. Talbot, Clarence A. Waldo,
Arthur S. Woodward,*

Terms of Office Expired in 1908.

Victor C. Alderson, Arthur H. Ford,* H. P. Talbot,*
Francis C. Caldwell, Henry S. Munroe, A. L. Williston,
Frederick W. Sperr.*

Terms of Office Expired in 1909.

Charles F. Burgess, John F. Hayford,* Thomas W. Palmer,
Arthur M. Greene, Jr., Milo S. Ketchum, Joseph A. Thaler,
Henry H. Norris.

Terms of Office Expired in 1910.

Fred W. Atkinson, Walter B. Russell, William S. Franklin,*
Mortimer E. Cooley, William Kent,* Charles F. Scott,
Harold B. Smith.

Terms of Office Expired in 1911.

Lester P. Breckenridge, Lewis J. Johnson, William G. Raymond,*
Thomas Gray,* William T. Magruder, Herman Schneider,
Clarence A. Waldo.

Terms of Office Expired in 1912.

Frederick A. Goetze,* H. Wade Hibbard, Edw. R. Maurer,
Frank H. Constant, John H. Leete,* John C. Ostrup,
Chas. Russ Richards.

Terms of Office Expired in 1913.

C. H. Benjamin,* E. E. Brydone-Jack, John F. Hayford,*
G. W. Bissell, W. H. Creighton, C. Russ Richards,
H. W. Tyler.

Terms of Office Expired in 1914.

J. E. Boyd, F. L. Emory, J. A. L. Waddell,
C. H. Crouch, C. E. Magnusson, A. J. Wood,*
H. H. Stoek.*

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* Deceased.

Terms of Office Expired in 1915.

F. L. Bishop,
G. R. Chatburn,
O. P. Hood,
G. D. Shepardson,
F. P. McKibben,
W. B. Snow,
J. C. Tracy,

Terms of Office Expired in 1916.

John F. Hayford,*
M. S. Ketchum,
F. P. Spalding,
A. S. Langsdorf,
H. W. Tyler,
P. F. Walker,*
S. M. Woodward,

Terms of Office Expired in 1917.

R. H. Fernald,
A. H. Fuller,
A. M. Greene, Jr.,
E. V. Huntington,
V. Karapetoff.
D. C. Miller,
W. M. Riggs,*

Terms of Office Expired in 1918.

L. P. Breckenridge,
C. L. Coby,
C. H. Crouch,
O. P. Hood,
J. B. Whitehead.
F. P. McKibben,
G. D. Shepardson,

Terms of Office Expired in 1919.

A. H. Blanchard,
W. H. Browne, Jr.,
T. E. French,
R. W. Gay,
A. A. Potter.
F. G. Higbee,
E. J. McCaustland,

Terms of Office Expired in 1920.

T. U. Taylor,
K. G. Matheson,*
C. J. Tilden,
C. F. Scott,
L. M. Hoskins.
Frank Aydelotte,
W. E. Mott,

Terms of Office Expired in 1921.

Frederick Bass,
C. Francis Harding,
O. A. Leutwiler,
C. R. Mann,
W. J. Risley.
J. Raleigh Nelson,
F. L. Pryor,

Terms of Office Expired in 1922.

H. S. Boardman,
F. C. Bolton,
E. F. Coddington,
W. H. Kavanaugh,
W. S. Rodman.
C. C. More,
E. H. Rockwell,

Terms of Office Expired in 1923.

J. F. Merrill,
W. H. Timbie,
R. S. King,
J. H. Felgar,
J. C. Tracy.
L. L. Thurstone,
C. C. Williams,

Terms of Office Expired in 1924.

P. H. Daggett,
J. H. Dunlap,*
M. L. Enger,
J. C. L. Fish,
Morris Knowles.
O. M. Leland,
F. E. Giesecke,

Terms of Office Expired in 1925.

M. W. Alexander,
Edw. Bennett,
H. S. Evans,
E. A. Hitchcock,
G. C. Shaad.
H. J. Hughes,*
C. E. Magnusson,

---

* Deceased.

Terms of Office Expired in 1926.

D. S. Anderson,
H. C. Berry,
W. N. Barnard,
F. A. Fish,
E. J. Babcock.*
Hugh Miller,
F. E. Seavey,*

Terms of Office Expired in 1927.

W. E. Brooke,
G. M. Butler,
H. H. Jordan,
W. H. Kenerson,
W. E. Wickenden.
E. B. Norris,
Harold Pender,

Terms of Office Expired in 1928.

G. M. Braune,*
B. M. Brigman,
W. C. Hoad,
J. A. Hunter,
R. I. Rees.
C. V. Mann,
C. H. Mitchell,

Terms of Office Expired in 1929.

Sada A. Harburger,
W. K. Hatt,
E. R. Hedrick,
J. J. Richey,
S. M. Woodward.
R. A. Seaton,
J. W. Votey,*

Terms of Office Expired in 1930.

J. M. Bryant,
S. B. Earle,
S. S. Edmands,
H. P. Hammond,
D. B. Prentice.
A. C. Lanier,
C. M. McKergow,

Terms of Office Expired in 1931.

Paul Cloke,
C. S. Coler,
R. C. Disque,
T. M. Focke,
J. J. Wilmore.
H. S. Rogers,
C. H. Warren,

---

* Deceased.

versity of Colorado. Dr. D. A. Worcester of the Education Department, University of Nebraska, and Dr. B. C. Hendricks of the Chemistry Department, University of Nebraska, were also presented. In a brief word Dean Evans emphasized the value of these sectional meetings in bringing instructors of neighboring schools together in a most friendly way to talk over their problems. Engineers must take a more prominent part in the solution of industrial problems in the future. The engineer has a responsibility as well as an opportunity in being a guide to industry.

On behalf of the visiting ladies Mrs. J. W. Haney thanked the Kansas State College faculty ladies for their generous entertainment. President Haney again expressed his appreciation for the record breaking attendance. He introduced Professors Hunt, Raymond and Norris and thanked them for providing an unusually interesting program. The new officers were next introduced:

President: E. D. Hay
Secretary: L. V. White
Chairman of Program Committee: H. J. Kesner

Those present were reminded of the meeting next fall to be held at Lincoln, Nebraska. All were urged to be there.

Final adjournment was at 1:30 P.M.

R. W. WARNER,
Secretary.

The annual meeting of the **Middle Atlantic Section** was held at Lafayette College, Easton, Pa., Saturday, October 31, 1931. A total of one hundred and twenty-nine members and guests were in attendance—representing eighteen different education institutions and ten firms.

A number of delegates visited the Lehigh Portland Cement Company plant in the morning. The headquarters was in the new John Markle Mining Engineering Hall, which was inspected by another group of delegates. A complimentary luncheon was served to approximately one hundred and twenty-five delegates and guests in the Gymnasium.

Chairman S. S. Edmands, of Pratt Institute, called the meeting to order at 2 P.M in Pardee Hall Auditorium. Dr. William Shafer Hall, Clerk of the Faculty and Professor of Mathematics at Lafayette College, welcomed the assembly and spoke briefly of the history of engineering at Lafayette. The minutes of the spring meeting held at Pratt Institute, May 9, 1931, were read and approved. The treasurer reported a balance of $119.51, with some small bills for printing and postage outstanding.

The following papers were then presented:

"The 1931 Stevens Institute Preparatory School Camp," Harvey N. Davis, President of Stevens Institute of Technology.

"Electrons at Work and Play." Lecture Demonstration by Dr. Phillips Thomas, research engineer for the Westinghouse Company.

"A Comparison of Engineering Education in Germany and the United States," Dr. Ernst Weber, Research Professor of Electrical Engineering at Brooklyn Polytechnic Institute.

"Some Aspects of Engineering Education," Robert E. Doherty, Professor of Electrical Engineering at Yale University.

There was considerable discussion of these very interesting papers and the chairman appointed committees on resolutions, nominations and meetings.

Following a brief inspection of the buildings and grounds of Lafayette College, dinner was served in the Gymnasium at 6:30 P.M. Professor William Mather Lewis of Lafayette College gave a most interesting and inspiring address.

The Committee on Nominations, consisting of Dean Arthur M. Greene of Princeton, O. W. Eshbach of the American Telephone and Telegraph Company, and George A. Stetson of the American Society of Mechanical Engineers, made the following nominations for the ensuing year:

For chairman—Dean Robert C. Disque of Drexel Institute.

For secretary-treasurer—Charles G. Thatcher of Swarthmore College. This report was accepted and the nominees unanimously elected.

The Committee on Meetings, consisting of E. H. Rockwell of Lafayette, F. E. Mehrhof of Rutgers, D. B. Porter of New York University, and C. E. Davies of the American Society of Mechanical Engineers, recommended that the Section accept the invitation of Newark College of Engineering for the fall meeting, 1932, and the invitation of the University of Delaware for the spring of 1933. This report was unanimously accepted.

The Committee on Resolutions reported as follows:

"The Middle Atlantic Section of the Society for the Promotion of Engineering Education has enjoyed in full measure the hospitality of Lafayette College in connection with the Fall Meeting of October 31, 1931. We are impressed by the beautiful site of the college, by the adequacy and dignity of its buildings and by a spirit of idealism and culture that seems characteristic of its atmosphere. The arrangements for the conduct of our meeting have been most satisfactory, and the courtesy of the College in providing a generous luncheon and in making possible our delightful dinner of the evening is heartily appreciated. For these and many other attentions we cordially thank the College, its officers, and all others who have contributed to this happy result.

"In particular we express our congratulations to Professor Morland King for representing so effectively in his own person the hospitable spirit of his institution.

"The courtesy of the Lehigh Portland Cement Company in showing us its plant is gratefully acknowledged.

"Our cordial thanks are also hereby extended to the Westinghouse Electric and Manufacturing Company, and to Dr. Phillips Thomas, for a most instructive and entertaining demonstration lecture on 'Electrons at Work and Play,' to our visitor from abroad, Dr. Ernst Weber, and to those of our own members who contributed to the program of the afternoon.

"We shall leave Easton with a renewed interest in the College that has provided for us so successful a meeting."

(Signed)

HARVEY N. DAVIS, Stevens Institute,
FRANK L. EIDMANN, Columbia University,
GEORGE F. BATEMAN, Cooper Union.

This report was unanimously adopted.

The Section then adjourned to meet again at Swarthmore in the spring of 1932.

CHARLES G. THATCHER, *Secretary.*

A meeting of the **Newark College of Engineering Branch** was held on October 29, 1931. The purpose was to discuss the frequency and subject matter of future meetings. It was decided that the Section would meet every two months. President Cullimore requested that the meeting to be held in December be turned over to him. In view of the fact that the method of teaching English in engineering colleges has undergone more or less radical changes and since such a change has taken place at the College of Engineering, it was proposed that Dr. Giesy, the head of the English Department, be invited to discuss the matter at the February meeting.

The Section voted to extend an invitation to the Middle Atlantic Section of the Society for the Promotion of Engineering Education to hold the Fall Meeting of 1932 at the Newark College of Engineering.

The fall meeting of the **New England Section** was held at Brown University on Saturday, October 10. Total registration was seventy-nine. The representation of teachers in New England was as follows: Massachusetts Institute of Technology, twenty-one; Brown University, fourteen; University of Maine, eleven; Tufts College, eight; Worcester Polytechic Institute, six; Harvard University, three; Yale University, two; Norwich University, two; Northeastern University, two; Connecticut Agricultural College, two; Dartmouth, one; University of New Hampshire, one; Trinity College, one; Wentworth Institute, one.

After a brief assembly in the morning the group inspected the facilities of Brown University, following which they were guests of the University at luncheon at Faunce House, the new student union.

The afternoon session began with a welcome to delegates by Dr. A. D. Mead, Acting President of Brown University. The main topic of the meeting, "Engineering Education in Light of the A. S. M. E. Report on the Economic Status of the Engineer," was then taken up. Dr. C. F. Hirshfeld, Chief of the Research Division of the Detroit Edison Company, member of the committee making the investigation and former professor of mechanical engineering at Cornell, gave an excellent summary of the report, pointing out primarily the great difference in earnings between those engineers having executive responsibilities and those whose work is purely technical. Dr. Harvey N. Davis, President of Stevens Institute of Technology, then discussed engineering education in light of this report. The addresses were followed by a spirited discussion in which a large number of those present took part.

A considerable number of wives of members were present for the meeting and were entertained by a local ladies' committee during the afternoon's technical session. They joined their husbands, however for the evening dinner at the Brown Faculty Club, where all were later addressed by Professor Will S. Taylor, head of the Art Department at Brown University, who took as his topic "Constructions which Artists Use." He illustrated his points by a large number of crayon sketches and by lantern slides.

Meetings were presided over by the chairman, Paul Cloke, Dean of Engineering at the University of Maine. The local arrangements were in charge of Professor James A. Hall of Brown University, secretary of the New England Section. For the coming year Raymond Hall was elected chairman of the Section and Raymond R. Marsden, Dean of the Thayer School of Civil Engineering at Dartmouth, was elected secretary.

The T-SQUARE PAGE

DEVOTED TO THE INTERESTS OF THE DIVISION OF ENGINEERING DRAWING

FREDERIC G. HIGBEE, EDITOR

An Annual Competition in Engineering Drawing. For a number of years the Division of Engineering Drawing has considered the desirability of an annual competition concluding with an exhibition at the annual meeting. A committee is now preparing a plan to be submitted for approval at the 1932 meeting. In order to secure data and to stimulate interest each department of engineering drawing is invited to submit to the editor before June 15, 1932, twelve blue prints of the best tracing made in the first course in engineering drawing during the year 1931–1932. One print from each department will be exhibited at the annual meeting, judged by a committee, and awarded honors. The remaining prints will be circulated as a traveling exhibit during the following year. Suggestions and ideas concerning the competition will be welcomed by the committee on competition.

Engineering Drawing Problem. How many shapes may the object have which is shown on page 89, Figure 172, French's Engineering Drawing? To simplify solutions consider only the small part which extends above the large block, and consider only types and omit variations of the same type.

Readings for Teachers of Engineering Drawing. Contributed by Donald R. Dohner, Engineering Art Director, Westinghouse Electric and Manufacturing Company: "Windowless Factory"—Architecture—May, 1931, pages 303 to 304; Art of the Machine"—Architecture—May, 1931, pages 273 and 376; "Art Modern Design is Inevitable," by Edward Richardson—Toilet Requisites—May, 1931, pages 26, 27, and 52; "Color Schemes for Four Bathrooms," by Elinor Raymond—House Beautiful—May, 1931, pages 46 and 47; "How Design Applies to Lighting Fixtures," by Thomas L. Dusseau—Lighting—April, 1931, pages 18, 19, and 27; "Beauty and the Balance Sheet," by Abbot Kimbal—Advertising Arts—May, 1931, pages 15 to 22; "Cigarette Package of the Future," by Egmont Arens—Advertising Arts—May, 1931, pages 28 to 32; "Kitchen Sink Goes Modern"—Metal Work—May, 1931, page 297; "Light and Color of Chromium," by Carleton Tyder—Good Furniture—May, 1931, pages 244 and 247.